

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

August 31, 2006

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.

**RBU 29-18F** 

Surface Location: 884' FSL & 1,996' FWL, Lot 4 (SW/4 SW/4), Target Location: 150' FSL & 1,200' FWL, Lot 4 (SW/4 SW/4), Section 18, T10S, R20E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional 20-acre in-field well. The location of the surface and target location as well as all points along the intended well bore path are not within 460 feet of the unit boundary or any uncommitted tracts. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan;

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining Carla Christian, Dominion Ken Secrest, Dominion RECEIVED

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DIV. OF OIL, GAS & MINING

FILE COPY

CONFIDENTIAL

Form 3160-3			FORM AP			
(February 2005)			Expires Mar			
UNITED STATES		Ī	5. Lease Serial No.			
DEPARTMENT OF THE S BUREAU OF LAND MAN			U-013793			
		. [	6. If Indian, Allotee or	Tribe Name		
APPLICATION FOR PERMIT TO	DRILL OR REENTER		N/A			
la. Type of work:  DRILL  REENT	CD.		7. If Unit or CA Agreen	nent, Name and No.		
la. Type of work: ✓ DRILL REENT	DK.		River Bend Unit	·		
lb. Type of Well: ☐ Oil Well    Gas Well ☐ Other	✓ Single Zone Multip	ole Zone	8. Lease Name and We RBU 29-18F	il No.		
2. Name of Operator  Dominion Exploration & Production, I	ne.		9. API Well No. 43047	38558		
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263		10. Field and Pool, or Ex Natural Buttes			
4. Location of Well (Report location clearly and in accordance with an	ty State requirements.*)		11. Sec., T. R. M. or Blk	and Survey or Area		
At surface 884' FSL & 1,996' FWL, Lot 4 (SW	V/4 SW/4),		Section 18, T105	5, R20E, SLB&M		
At proposed prod. zone 150' FSL & 1,200' FWL, Lot 4 (SW	V/4 SW/4),					
14. Distance in miles and direction from nearest town or post office* 10.25 miles southwest of Ouray, Utah			12. County or Parish Uintah	13. State UT		
15. Distance from proposed* location to nearest	16. No. of acres in lease	17. Spacin	g Unit dedicated to this we	11		
property or lease line, ft. (Also to nearest drig. unit line, if any) 884'	1,600.00 acres	20 acı	res			
18. Distance from proposed location*	19. Proposed Depth	20. BLM/I	/BIA Bond No. on file			
to nearest well, drilling, completed, applied for, on this lease, ft.	8,600' TVD (8,874' MD)	WY 3	322			
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	ut*	23. Estimated duration			
5,106' GR	12/01/2006		14 days			
	24. Attachments					
The following, completed in accordance with the requirements of Onsho	ore Oil and Gas Order No.1, must be a	ttached to the	is form:			
Well plat certified by a registered surveyor.     A Drilling Plan.	4. Bond to cover ( Item 20 above).		ns unless covered by an e	xisting bond on file (see		
3. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).			ormation and/or plans as r	nay be required by the		
25. Signature	Name (Printed/Typed)		1	Date Date		
25. Signature Don Hamilton	Don Hamilton			08/31/2006		
Title Agent for Dominion			· · · · · · · · · · · · · · · · · · ·			
	37 00 1 1/70 B			<b>5</b>		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Offichvironmental Manager

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Bul

Federal Approval of this Action Is Necessary

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Surf 609880X 4421960Y

Title

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- 109.713868

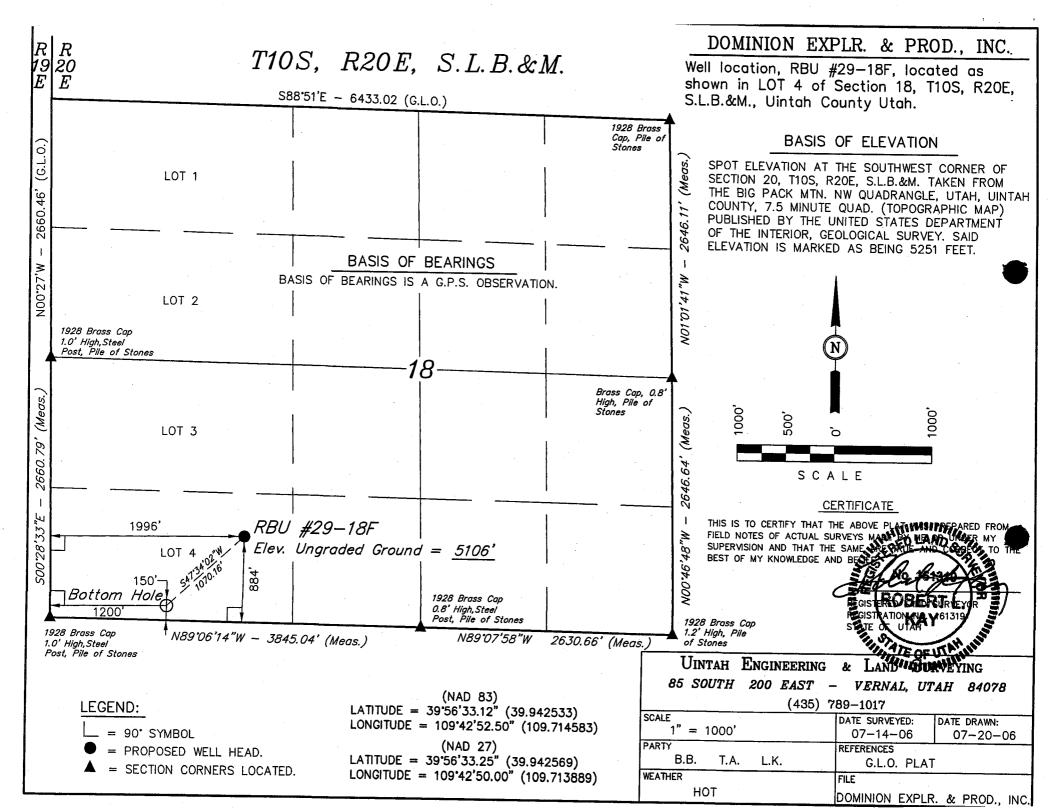
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<sup>\*(</sup>Instructions on page 2)



# APPROVAL OF OPERATIONS

#### Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 29-18F

SHL: 884' FSL & 1996' FWL Section 18-10S-20E BHL: 150' FSL & 1200' FWL Section 18-10S-20E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

# 2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,115'
Uteland Limestone	4,475'
Wasatch	4,635'
Chapita Wells	5,525
Uteland Buttes	6,755
Mesaverde	7,645

# 3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	Type	
Wasatch Tongue	4,115'	Oil	
Uteland Limestone	4,475'	Oil	
Wasatch	4,635'	Gas	
Chapita Wells	5,525'	Gas	
Uteland Buttes	6,755'	Gas	
Mesaverde	7,645'	Gas	

# 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	Conn.	<u>Top</u>	<b>Bottom</b>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,530'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,600'	7-7/8"

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

# APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set.

All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<b>Depths</b>	Mud Weight (ppg)	Mud System
0'-500'	8.4	Air foam mist, no pressure control
500' - 3,530'	8.6	Fresh water, rotating head and diverter
3,530' - 8,600	8.6	Fresh water/2% KCL/KCL mud system

### BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

# 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

- a. Surface Cement:
  - Drill 17-½" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- b. Intermediate Casing Cement:
  - Drill 12-1/4" hole to 3,530'±, run and cement 9-5/8" to surface.
  - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
  - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
  - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>
<b>Type</b>	Sacks	<u>Interval</u>	<b>Density</b>	Yield	Volume	<u>Volume</u>
Lead	417	0'-3,030'	10.5 ppg	4.14 CFS	987 CF	1,727 <b>CF</b>
Tail	254	3,030-3,530'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.

Water requirement: 26.07 gal/sack
Compressives (a), 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.

Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.

Pump Time: 1 hr. 5 min. @ 110 °F.

Compressives (a) 110 °F: 2,500 psi after 24 hours

- c. Production Casing Cement:
  - Drill 7-7/8" hole to 8,600'±, run and cement 5 1/2".
  - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
  - Displace with 2% KCL.
  - Production casing to be centralized with 30 centralizers.

					<u>Hole</u>	Cement
<u>Type</u>	<b>Sacks</b>	<u>Interval</u>	<b>Density</b>	Yield Yield	<u>Volume</u>	<u>Volume</u>
Lead	90	3,835'-4,635'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	790	4,635'-8,600'	13.0 ppg	1.75 CFS	687 CF	1374 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch + 15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack

Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.

Slurry yield: 1.75 cf/sack Slurry weight:

Water requirement: 9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

# 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: December 1, 2006

Starting Date: December 1, 2006

Duration: 14 Days

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13.00 #/gal.

# Dominion<sup>,</sup>

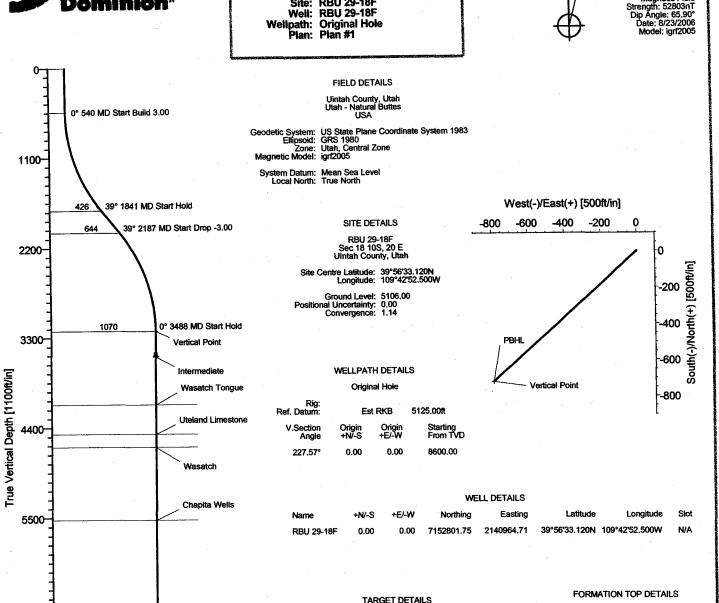
# **Dominion Exploration & Production**

Field: Uintah County, Utah Site: RBU 29-18F



Azimuths to True North Magnetic North: 11.76°

> Magnetic Field Strength: 52803nT Dip Angle: 65.90° Date: 8/23/2006 Model: igrf2005



TARGET DETAILS **Uteland Buttes** 6600 No. TVDPath MDPath TVD +N/-S +E/-W Shape Name 4115.00 4475.00 4635.00 5525.00 6755.00 4388.74 4748.74 4908.74 5798.74 7028.74 7918.74 123456 3214.00 8600.00 Vertical Point PBHL Mesaverde 7700-SECTION DETAILS +E/-W **DLeg TFace** MD Inc Azi TVD +N/-S 0.00 0.00 -287.47 -434.60 -722.06 0.00 0.00 227.57 0.00 180.00 227.57 0.00 0.00 39.02 39.02 0.00 227.57 227.57 227.57 227.57 227.57 0.00 540.00 1742.48 2011.57 3214.00 0.00 0.00 -314.46 -475.40 -789.85 0.00 0.00 3.00 0.00 3.00 0.00 0.00 540.00 1840.71 2187.07 PBHL 1070 3487.74 8800 -722.06 -789.851100 2200

Ryan Energy Techn 19510 Oil Center Bh Houston, TX 77073 Ph: 281-443-1414 Fx: 281-443-1676 Ryan the leader in Marketon Marketon

Vertical Section at 227.57° [1100ft/in]

Formation

Wasatch Tongue Uteland Limestone Wasatch Chapita Wells Uteland Buttes

VSec Target

Vertical Point

PBHL.

0.00 0.00 426.05

1070.16



# Ryan Energy Technologied **Planning Report**



Company: Dominion Exploration & Product

Field:

Uintah County, Utah

Site: Well:

**RBU 29-18F RBU 29-18F** Wellpath: Original Hole Date: 8/23/2006

Time: 14:57:08

Co-ordinate(NE) Reference: Well: RBU 29-18F, True North

Vertical (TVD) Reference: Section (VS) Reference:

Est RKB 5125.0

Well (0.00N,0.00E,227.57Azi)

Plan:

Plan #1

Field:

Uintah County, Utah Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980

Sys Datum: Mean Sea Level

Map Zone:

Utah, Central Zone

Coordinate System:

Geomagnetic Model:

Well Centre

igrf2005

Site:

**RBU 29-18F** 

Sec 18 10S, 20 E

Uintah County, Utah

Site Position: From:

Geographic

Northing: 7152801.75 ft 2140964.71 ft Easting:

Latitude: Longitude:

33.120 N 39 56 52.500 W

**Grid Convergence:** 

Position Uncertainty:

5106.00 ft

North Reference:

True

**Ground Level:** 

Well Position:

0.00 ft

1.14 deg

Well:

**RBU 29-18F** 

0.00 ft Northing: 0.00 ft Easting:

7152801.75 ft 2140964.71 ft

Latitude: Longitude:

Slot Name:

33.120 N 39 56

Surface

+E/-W **Position Uncertainty:** 

0.00 ft

**Drilled From:** 

52.500 W 109 42

Wellpath: Original Hole

**Current Datum: Magnetic Data:** 

Est RKB 8/23/2006

Height 5125.00 ft

Tie-on Depth: **Above System Datum:** Declination:

Mag Dip Angle:

0.00 ft Mean Sea Level 11.76 deg 65.90 deg

52803 nT Field Strength: Vertical Section: Depth From (TVD)

Plan #1

8600.00

+N/-Sft 0.00

+E/-W ft 0.00

Direction deg

8/23/2006

227.57

Plan:

Principal: Yes Date Composed: Version:

Tied-to:

From Surface

Plan Section Information

I IAM SCCIO	n mivimac	.011				_					·
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target	
0.00	0.00	227.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
540.00	0.00	227.57	540.00	0.00	0.00	0.00	0.00	0.00	0.00		
1840.71	39.02	227.57	1742.48	-287.47	-314.46	3.00	3.00	0.00	227.57		
2187.07	39.02	227.57	2011.57	-434.60	-475.40	0.00	0.00	0.00	0.00	•	
3487.74	0.00	227.57	3214.00	-722.06	-789.85	3.00	-3.00	0.00	180.00	Vertical Point	
8873 74	0.00	227 57	8600.00	-722.06	-789.85	0.00	0.00	0.00	227.57	PBHL	

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment	
540.00	0.00	227.57	540.00	0.00	0.00	0.00	0.00	0.00	0.00		
600.00	1.80	227.57	599.99	-0.64	-0.70	0.94	3.00	3.00	0.00		
700.00	4.80	227.57	699.81	-4.52	-4.94	6.70	3.00	3.00	0.00		
800.00	7.80	227.57	799.20	-11.92	-13.04	17.67	3.00	3.00	0.00		
900.00	10.80	227.57	897.87	-22.82	-24.97	33.83	3.00	3.00	0.00		
1000.00	13.80	227.57	995.57	-37.20	-40.69	55.13	3.00	3.00	0.00		
1100.00	16.80	227.57	1092.01	-55.00	-60.16	81.51	3.00	3.00	0.00		
1200.00	19.80	227.57	1186.94	-76.18	-83.33	112.90	3.00	3.00	0.00		
1300.00	22.80	227.57	1280.10	-100.68	-110.14	149.22	3.00	3.00	0.00		
1400.00	25.80	227.57	1371.23	-128.45	-140.51	190.37	3.00	3.00	0.00		
1500.00	28.80	227.57	1460.08	-159.39	-174.35	236.23	3.00	3.00	0.00		
1600.00	31.80	227.57	1546.42	-193.42	-211.58	286.67	3.00	3.00	0.00		
1700.00	34.80	227.57	1629.99	-230.46	-252.10	341.57	3.00	3.00	0.00		
1800.00	37.80	227.57	1710.57	-270.40	-295.79	400.76	3.00	3.00	0.00		
1840.71	39.02	227.57	1742.48	-287.47	-314.46	426.05	3.00	3.00	0.00		



# Ryan Energy Technologied **Planning Report**



Field:

Company: Dominion Exploration & Product

Uintah County, Utah RBU 29-18F

Site: RBU 29-18F Well: Wellpath: Original Hole

Date: 8/23/2006 Time: 14:57:08 Co-ordinate(NE) Reference: Well: RBU 29-18F, True North

Vertical (TVD) Reference: Est RKB 5125.0
Section (VS) Reference: Well (0.00N,0.00E,227.57Azi) Section (VS) Reference:

Plan #1 Plan:

2000.00 2100.00 2187.07 2200.00 2300.00 2400.00	39.02 39.02 39.02 39.02 39.02	Azim deg 227.57	TVD ft	+N/-S ft	+E/-W ft	VS	DLS	Build	Turn deg/100ft	Tool/Comment
1900.00 2000.00 2100.00 2187.07 2200.00 2300.00 2400.00	39.02 39.02 39.02				-10	in the	deg/ room	uegr roon	acy ivoit	<u> </u>
2000.00 2100.00 2187.07 2200.00 2300.00 2400.00	39.02 39.02	221.01	1788.54	-312.65	-342.01	463.38	0.00	0.00	0.00	
2100.00 2187.07 2200.00 2300.00 2400.00	39.02	227.57	1866.23	-355.13	-388.47	526.34	0.00	0.00	0.00	
2187.07 2200.00 2300.00 2400.00			1943.92	-397.61	-335.47 -434.94	589.30	0.00	0.00	0.00	
2200.00 2300.00 2400.00	30 U2	227.57				644.12	0.00	0.00	0.00	
2300.00 2400.00		227.57	2011.57	-434.60	-475.40 404.00			-3.00	0.00	
2400.00	38.63	227.57	2021.64	-440.07	-481.39	652.22	3.00	-3.00	0.00	
	35.63	227.57	2101.36	-480.80	-525.94	712.58	3.00	-3.00	0.00	
	32.63	227.57	2184.12	-518.65	-567.34	768.69	3.00	-3.00	0.00	
2500.00	29.63	227.57	2269.71	-553.53	-605.50	820.38	3.00	-3.00	0.00	
2600.00	26.63	227.57	2357.89	-585.34	-640.29	867.53	3.00	-3.00	0.00	
2700.00	23.63	227.57	2448.41	-613.99	-671.64	909.99	3.00	-3.00	0.00	
2800.00	20.63	227.57	2541.03	-639.41	-699.44	947.66	3.00	-3.00	0.00	
2900.00	17.63	227.57	2635.50	-661.52	-723.63	980.43	3.00	-3.00	0.00	
	14.63	227.57	2731.55	-680.27	-744.13	1008.21	3.00	-3.00	0.00	
3000.00			2828.92	-695.59	-760.90	1030.93	3.00	-3.00	0.00	
3100.00 3200.00	11.63 8.63	227.57 227.57	2927.35	-707.46	-700. <del>90</del> -773.88	1048.52	3.00	-3.00	0.00	
					700 OF	1060.04	3.00	-3.00	0.00	
3300.00	5.63	227.57	3026.57	-715.84	-783.05	1060.94	3.00			
3400.00	2.63	227.57	3126.29	-720.70	-788.36	1068.14	3.00	-3.00	0.00	Maniford Delet
3487.74	0.00	227.57	3214.00	-722.06	-789.85	1070.16	3.00	-3.00	0.00	Vertical Point
3500.00	0.00	227.57	3226.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
3600.00	0.00	227.57	3326.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
3700.00	0.00	227.57	3426.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
3800.00	0.00	227.57	3526.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
		227.57	3530.00	-722.06	-789.85	1070.16	0.00	0.00	0.00	Intermediate
3803.74	0.00			-722.06 -722.06	-789.85	1070.16	0.00	0.00	0.00	
3900.00	0.00	227.57	3626.26					0.00	0.00	
4000.00	0.00	227.57	3726.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4100.00	0.00	227.57	3826.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4200.00	0.00	227.57	3926.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4300.00	0.00	227.57	4026.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4388.74	0.00	227.57	4115.00	-722.06	-789.85	1070.16	0.00	0.00	0.00	Wasatch Tongue
4400.00	0.00	227.57	4126.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4500.00	0.00	227.57	4226.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4600.00	0.00	227.57	4326.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
			4426.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
4700.00	0.00	227.57			-789.85	1070.16	0.00	0.00	0.00	Uteland Limestone
4748.74 4800.00	0.00 0.00	227.57 227.57	4475.00 4526.26	-722.06 -722.06	-789.85 -789.85	1070.16	0.00	0.00	0.00	Juliana Ennestone
					700 00	4070 40	0.00	0.00	0.00	
4900.00	0.00	227.57	4626.26	-722.06	-789.85	1070.16	0.00		0.00	Macatch
4908.74	0.00	227.57	4635.00	-722.06	-789.85	1070.16	0.00	0.00		Wasatch
5000.00	0.00	227.57	4726.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5100.00	0.00	227.57	4826.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5200.00	0.00	227.57	4926.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5300.00	0.00	227.57	5026.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5400.00		227.57	5126.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5500.00		227.57	5226.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
		227.57	5326.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5600.00			5426.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5700.00	0.00	227.57	J4Z0.Z0	-122.00	-108.00	1070.10	0.00	0.00	•	
5798.74		227.57	5525.00	-722.06	-789.85	1070.16	0.00	0.00	0.00	Chapita Wells
5800.00	0.00	227.57	5526.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
5900.00		227.57	5626.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6000.00		227.57	5726.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6100.00		227.57	5826.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6000.00	0.00	227.57	5926.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6200.00					-789.85	1070.16	0.00	0.00	0.00	
6300.00		227.57	6026.26	-722.06				0.00	0.00	
6400.00 6500.00		227.57 227.57	6126.26 6226.26	-722.06 -722.06	-789.85 -789.85	1070.16 1070.16	0.00 0.00	0.00	0.00	



# Ryan Energy Technologied **Planning Report**



Company: Dominion Exploration & Product

Field: Site: Well:

Uintah County, Utah **RBU 29-18F** 

**RBU 29-18F** Wellpath: Original Hole Date: 8/23/2006

Time: 14:57:08

Co-ordinate(NE) Reference: Well: RBU 29-18F, True North Vertical (TVD) Reference: Est RKB 5125.0

Section (VS) Reference: Plan:

Well (0.00N,0.00E,227.57Azi)

Plan #1

Survey								D 11.1	T	Tool/Comment
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	1 001/Comment
6600.00	0.00	227.57	6326.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6700.00	0.00	227.57	6426.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6800.00	0.00	227.57	6526.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
6900.00	0.00	227.57	6626.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	•
7000.00	0.00	227.57	6726.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7028.74	0.00	227.57	6755.00	-722.06	-789.85	1070.16	0.00	0.00	0.00	Uteland Buttes.
7100.00	0.00	227.57	6826.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7200.00	0.00	227.57	6926.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7300.00	0.00	227.57	7026.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7400.00	0.00	227.57	7126.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7500.00	0.00	227.57	7226.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7600.00	0.00	227.57	7326.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7700.00	0.00	227.57	7426.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7800.00	0.00	227.57	7526.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7900.00	0.00	227.57	7626.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
7918.74	0.00	227.57	7645.00	-722.06	-789.85	1070.16	0.00	0.00	0.00	Mesaverde
8000.00	0.00	227.57	7726.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8100.00	0.00	227.57	7826.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8200.00	0.00	227.57	7926.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8300.00	0.00	227.57	8026.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8400.00	0.00	227.57	8126.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8500.00	0.00	227.57	8226.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8600.00	0.00	227.57	8326.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8700.00	0.00	227.57	8426.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8800.00	0.00	227.57	8526.26	-722.06	-789.85	1070.16	0.00	0.00	0.00	
8873.74	0.00	227.57	8600.00	-722.06	-789.85	1070.16	0.00	0.00	0.00	PBHL

Targets									
Name	Description	Dir.	TVD ft	+N/-S ft	+E/-W	Map Northing ft	Map Easting ft	< Latitude> Deg Min Sec	< Longitude> Deg Min Sec
Vertical Point			3214.00	-722.06	-789.85	7152064.062	140189.43	39 56 25.983 N	109 43 2.642 W
-Plan hit targe PBHL -Plan hit targe			8600.00	-722.06	-789.85	7152064.062	140189.43	39 56 25.983 N	109 43 2.642 W

#### **Casing Points** MD TVD Diameter **Hole Size** in in ft ft 3803.74 3530.00 9.625 0.000 Intermediate

Formation	s				
MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
4388.74	4115.00	Wasatch Tongue		0.00	0.00
4748.74	4475.00	Uteland Limestone		0.00	0.00
4908.74	4635.00	Wasatch		0.00	0.00
5798.74	5525.00	Chapita Wells		0.00	0.00
7028.74	6755.00	Uteland Buttes		0.00	0.00
7918.74	7645.00	Mesaverde		0.00	0.00

# SURFACE USE PLAN

# CONDITIONS OF APPROVAL

#### Attachment for Permit to Drill

Name of Operator:

**Dominion Exploration & Production** 

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

**RBU 29-18F** 

SHL: 884' FSL & 1996' FWL Section 18-10S-20E BHL: 150' FSL & 1200' FWL Section 18-10S-20E

Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Thursday, August 10, 2006 at approximately 10:25 am. In attendance at the onsite inspection were the following individuals:

Karl Wright **Brandon McDonald**  Nat. Res. Prot. Spec.

Bureau of Land Management - Vernal

Ken Secrest

Wildlife Biologist

Bureau of Land Management - Vernal

Field Foreman

Dominion E & P, Inc.

Brandon Bowthorpe Billy McClure

Surveyor Foreman **Uintah Engineering & Land Surveying** LaRose Construction

Randy Jackson Don Hamilton

Foreman Agent

**Jackson Construction** Buys & Associates, Inc.

#### 1. **Existing Roads:**

- No upgrades to existing roads and no new roads are proposed at this time since access will utilize the existing road to the existing well site.
- The proposed well site is located approximately 10.25 miles south of Ouray, UT. b.
- Directions to the proposed well site have been attached at the end of Exhibit B. c.
- d. The use of roads under State and County Road Department maintenance are necessary to access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- All existing roads will be maintained and kept in good repair during all phases of operation. e.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- f. Since no improvements are anticipated to any State, County, Tribal or BLM access roads no topsoil striping will occur.
- An off-lease federal right-of-way is not anticipated for the access road or utility corridor g. since both are located within the existing River Bend Unit boundary and both utilize entirely existing disturbance.

# 2. Planned Access Roads:

- a. The proposed well utilizes the existing wellsite RBU 13-18F with no new access proposed.
- b. The operator will be responsible for all maintenance of the existing access road including drainage structures.

#### 3. <u>Location of Existing Wells:</u>

a. Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

### 4. <u>Location of Production Facilities</u>:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- f. No new pipeline corridors are proposed at this time since gas transportation will utilize the existing pipeline network to the existing well site.
- g. The existing pipeline will be upgrade to 10" or less, as needed, from the proposed well to the existing Compressor #4 to provide additional production transportation capacity from the proposed 20 acre in-field wells.
- h. The upgraded gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction.
- i. Dominion intends on installing the upgraded pipeline on the surface by welding many joints

into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

# 5. <u>Location and Type of Water Supply:</u>

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

# 6. <u>Source of Construction Material</u>:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

# 7. <u>Methods of Handling Waste Disposal:</u>

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the northwest side of the pad.
- d. The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- 1. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

# 8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

### 9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the northeast.
- The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

- k. Pits will remain fenced until site cleanup.
- 1. The blooie line will be located at least 100 feet from the well head.
- m. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

# 10. Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation):

- a. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- b. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- c. Following BLM published Best Management Practices the interim reclamation will be completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
  - a. All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
  - b. The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
    - Crested Wheat Grass

(4 lbs / acre)

2. Needle and Thread Grass

(4 lbs / acre)

3. Rice Grass

(4 lbs / acre)

- c. Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

# 11. Surface and Mineral Ownership:

- a. Surface Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

#### 12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
  - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
  - b. No drainage crossings that require additional State or Federal approval are being crossed.
  - c. A pipeline upgrade is proposed with this application.

# 13. Operator's Representative and Certification

Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

#### Certification:

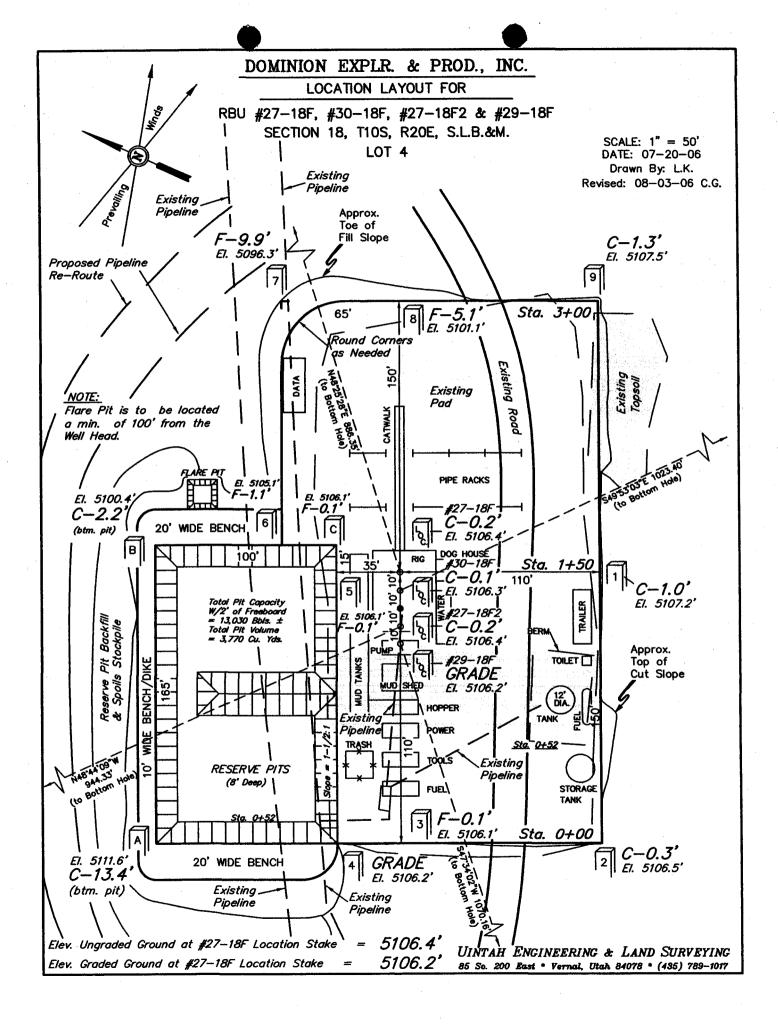
I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

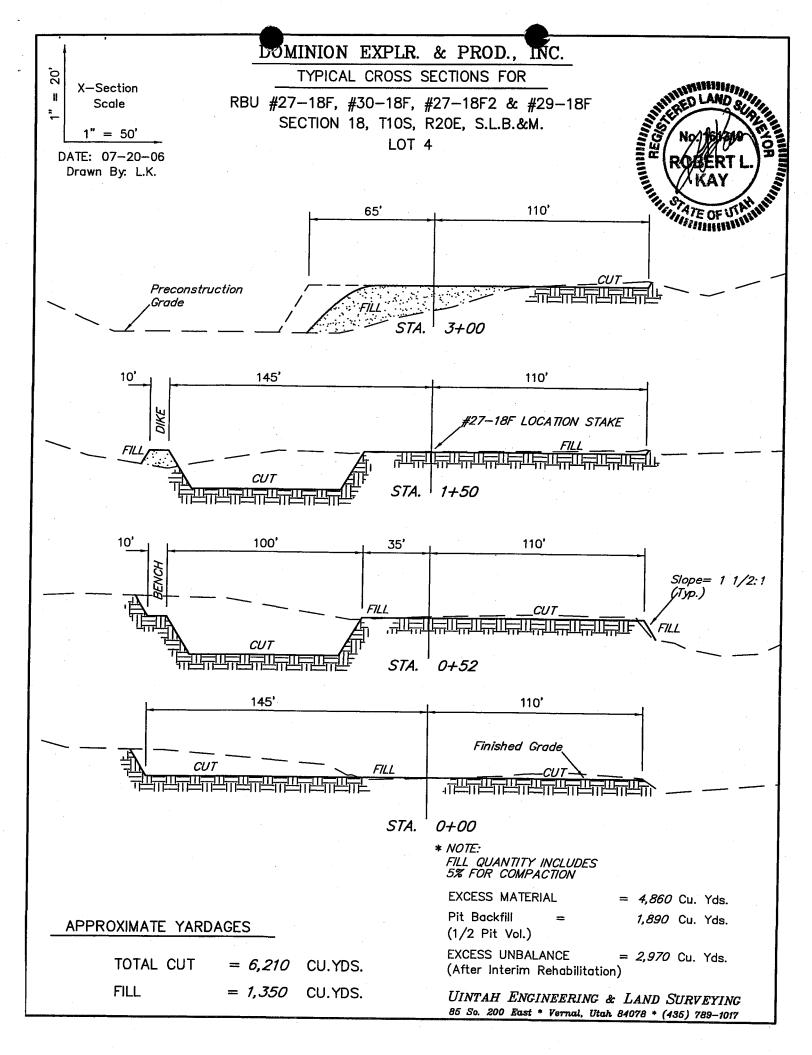
Signature:	Don	H	amilton	Date:	8-31-2006
			8 A		

# DOMINION EXPLR. & PROD., INC. RBU #27-18F, #30-18F, #27-18F2 & #29-18F SECTION 18, T10S, R20E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE EXISTING #13-18F AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 48.1 MILES.





# DOMINION EXPLR. & PROD., INC.

RBU #27-18F, #30-18F, #27-18F2 & #29-18F LOCATED IN UINTAH COUNTY, UTAH SECTION 18, T10S, R20E, S.L.B.&M.

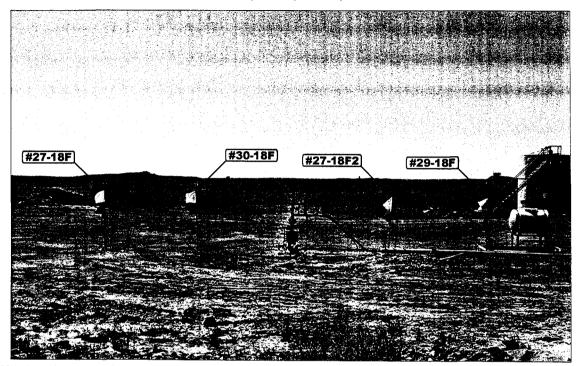


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW OF EXISTING ACCESS

**CAMERA ANGLE: SOUTHWESTERLY** 



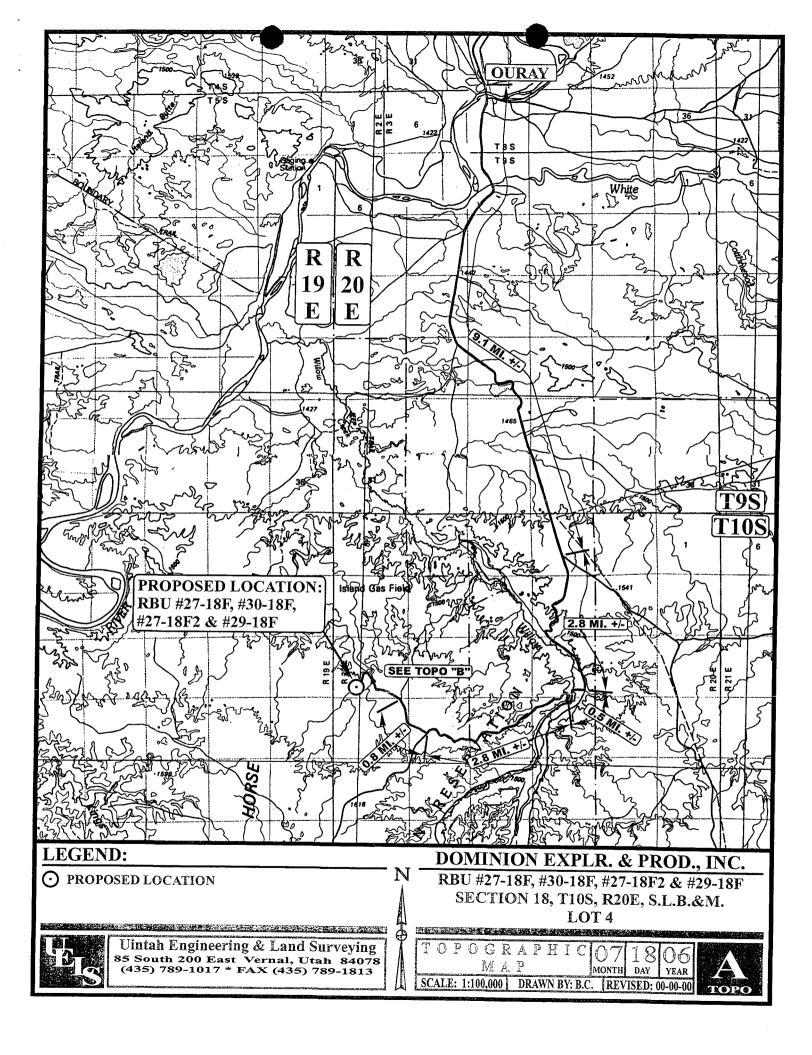
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

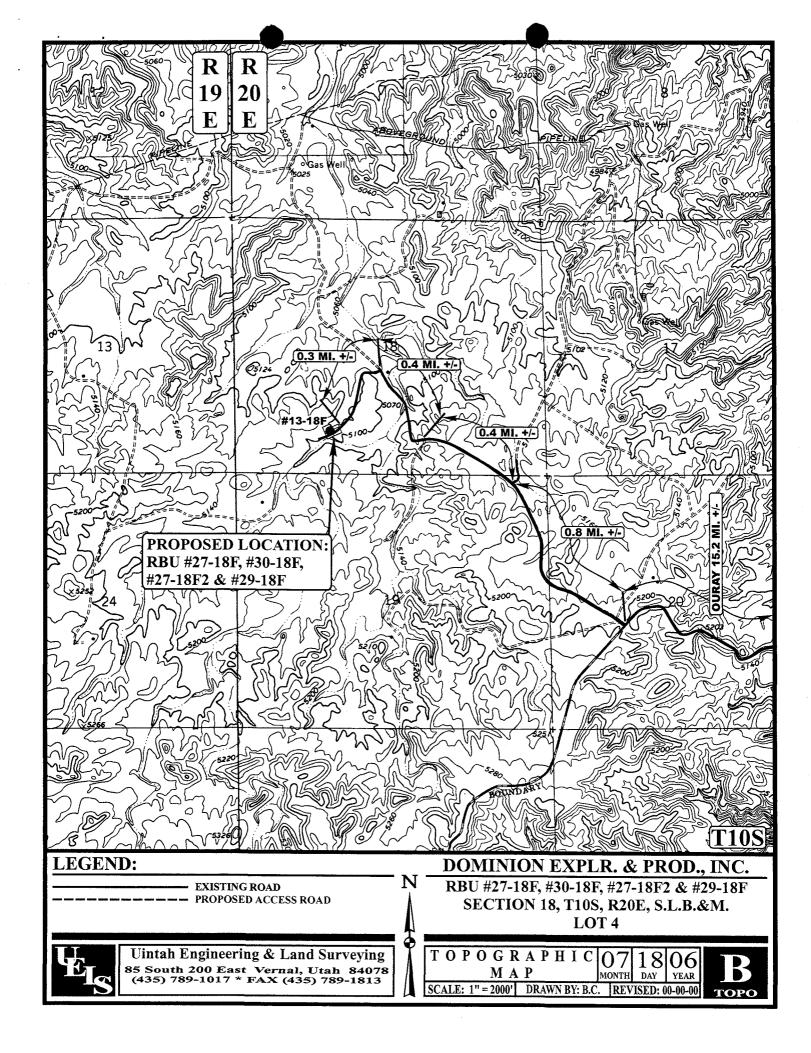
**LOCATION PHOTOS** 

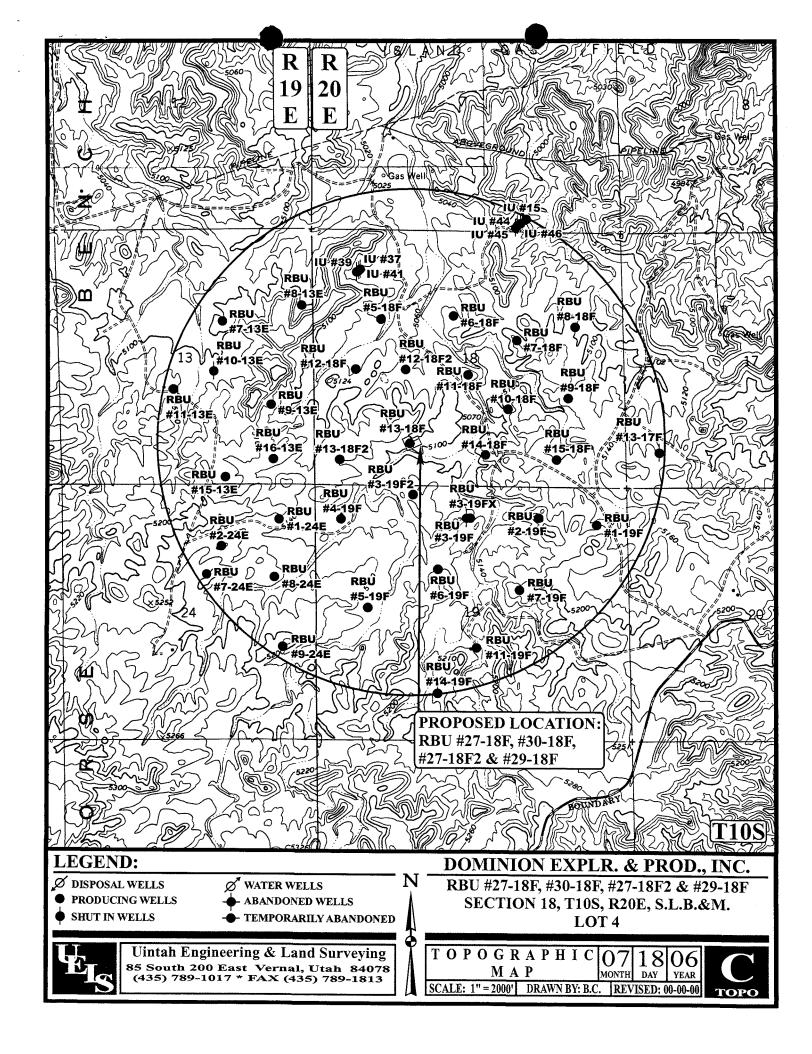
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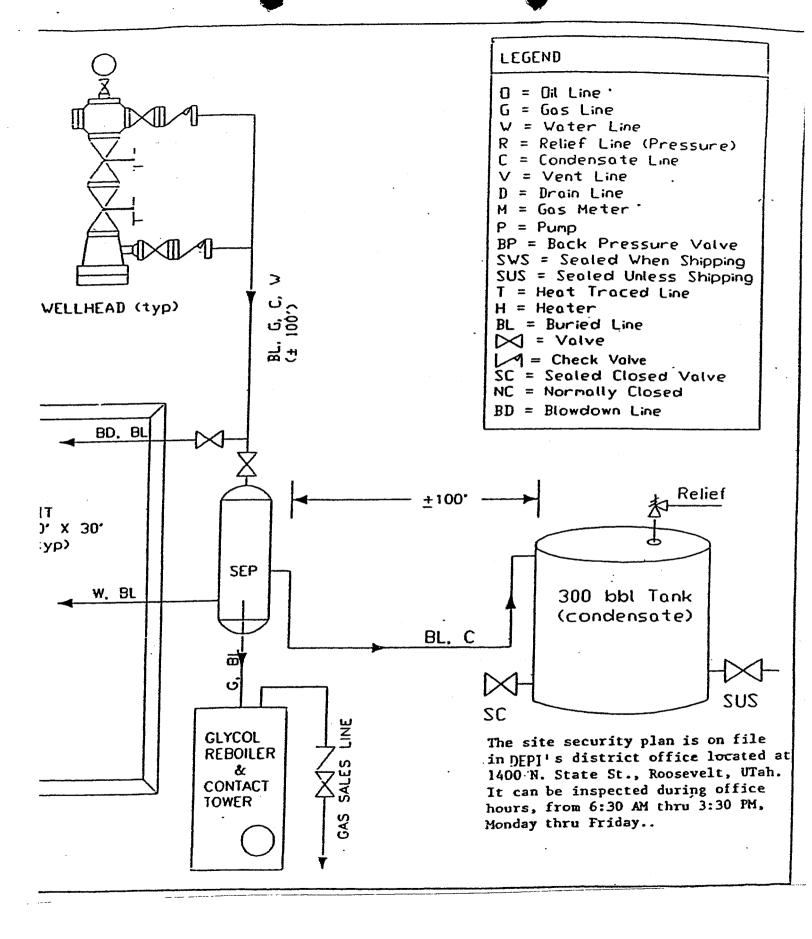
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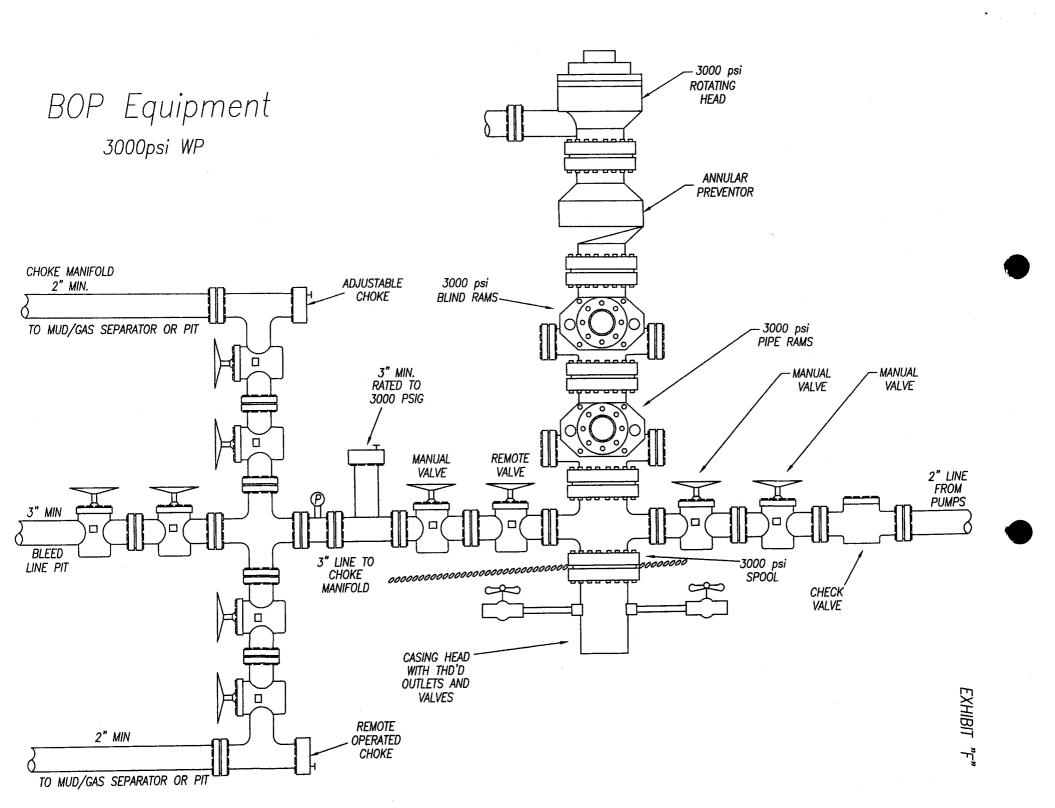
TAKEN BY: B.B. DRAWN BY: B.C. REVISED: 00-00-00



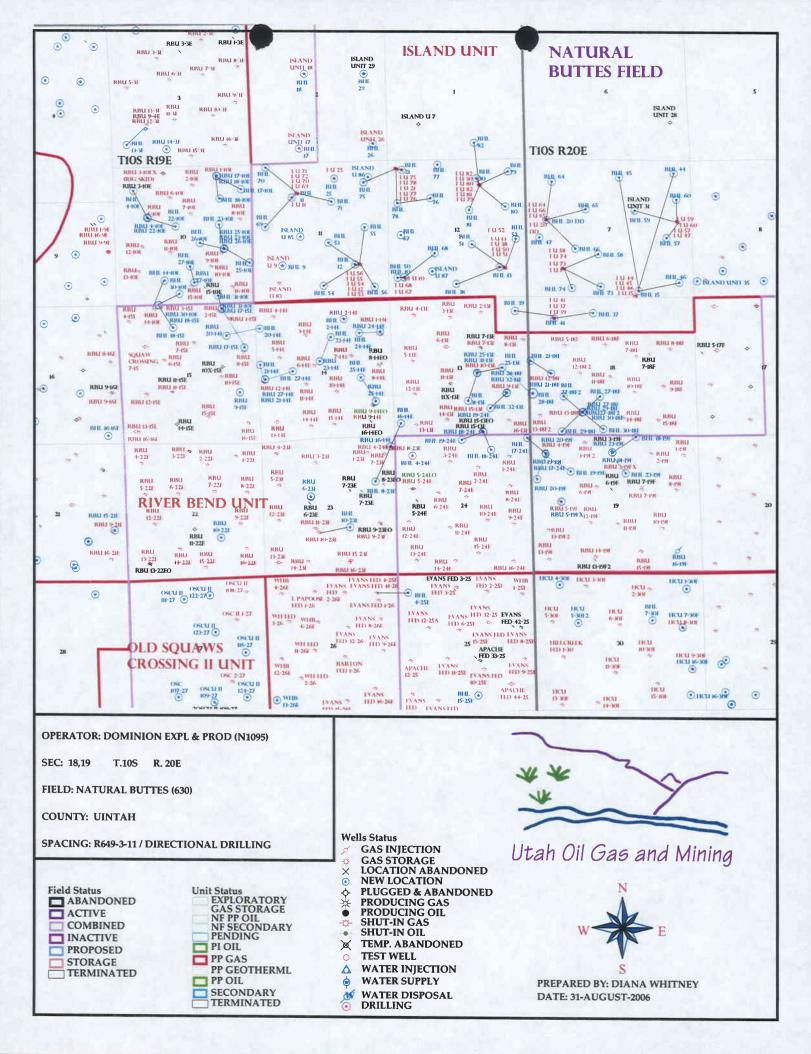








APD RECEIVED: 08/31/2006	API NO. ASSIGNED: 43-047-38558
WELL NAME: RBU 29-18F  OPERATOR: DOMINION EXPL & PROD ( N1095 )  CONTACT: DON HAMILTON	PHONE NUMBER: 405-749-5263
PROPOSED LOCATION:	INSPECT LOCATN BY: / /
SWSW 18 100S 200E SURFACE: 0884 FSL 1996 FWL	Tech Review Initials Date
BOTTOM: 0150 FSL 1200 FWL	Engineering
COUNTY: UINTAH  LATITUDE: 39.94253 LONGITUDE: -109.7139	Geology
UTM SURF EASTINGS: 609880 NORTHINGS: 442196	Surface
FIELD NAME: NATURAL BUTTES (630)  LEASE TYPE: 1 - Federal  LEASE NUMBER: U-013793  SURFACE OWNER: 1 - Federal	PROPOSED FORMATION: MVRD COALBED METHANE WELL? NO
Plat  Bond: Fed[1] Ind[] Sta[] Fee[]  (No. WY 3322 )  Potash (Y/N)  Oil Shale 190-5 (B) or 190-3 or 190-13  Water Permit  (No. 43-10447 )  RDCC Review (Y/N)  (Date:)  Fee Surf Agreement (Y/N)  Intent to Commingle (Y/N)	LOCATION AND SITING:  R649-2-3.  Unit: RIVER BEND  R649-3-2. General
STIPULATIONS: 1. Caid Agray 2-OIL SHALE	



# **United States Department of the Interior**

# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 19, 2006

#### Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development River Bend Unit Uintah County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the River Bend Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

43-047-38582 RBU 17-10E Sec 10 T10S R19E 0477 FNL 1390 FEL BHL Sec 10 T10S R19E 1000 FNL 0465 FEL

43-047-38584 RBU 27-10E Sec 10 T10S R19E 0723 FSL 2350 FEL BHL Sec 10 T10S R19E 1350 FSL 2500 FEL

43-047-38585 RBU 26-10E Sec 10 T10S R19E 1995 FSL 1184 FEL BHL Sec 10 T10S R19E 2250 FSL 2100 FEL

43-047-38586 RBU 25-10E Sec 10 T10S R19E 2013 FSL 1160 FEL BHL Sec 10 T10S R19E 1450 FSL 0200 FEL

43-047-38587 RBU 23-10E Sec 10 T10S R19E 2007 FSL 1168 FEL BHL Sec 10 T10S R19E 2350 FNL 1350 FEL

43-047-38588 RBU 22-10E Sec 10 T10S R19E 2064 FNL 1241 FWL BHL Sec 10 T10S R19E 2400 FNL 2300 FWL

43-047-38543 RBU 28-18F Sec 13 T10S R19E 1640 FSL 0901 FEL BHL Sec 18 T20S R20E 1600 FSL 0100 FWL

43-047-38544 RBU 18-24E Sec 13 T10S R19E 0143 FSL 1844 FEL

#### BHL Sec 24 T10S R19E 0550 FNL 1550 FEL

Page 2

- 43-047-38545 RBU 19-24E Sec 13 T10S R19E 0159 FSL 1855 FEL BHL Sec 24 T10S R19E 0150 FNL 2550 FWL
- 43-047-38546 RBU 25-13E Sec 13 T10S R19E 2418 FSL 2023 FEL BHL Sec 13 T10S R19E 2700 FNL 1050 FEL
- 43-047-38547 RBU 31-13E Sec 13 T10S R19E 2433 FSL 2036 FEL BHL Sec 13 T10S R19E 1350 FSL 2400 FEL
- 43-047-38589 RBU 21-14E Sec 14 T10S R19E 2240 FSL 0210 FWL BHL Sec 14 T10S R19E 2500 FNL 0050 FWL
- 43-047-38590 RBU 27-14E Sec 14 T10S R19E 2230 FSL 0209 FWL BHL Sec 14 T10S R19E 2550 FSL 1300 FWL
- 43-047-38592 RBU 24-14E Sec 14 T10S R19E 1257 FNL 0432 FEL BHL Sec 14 T10S R19E 1300 FNL 1250 FEL
- 43-047-38593 RBU 23-14E Sec 14 T10S R19E 2375 FNL 2360 FWL BHL Sec 14 T10S R19E 1450 FNL 2350 FEL
- 43-047-38595 RBU 31-10E Sec 15 T10S R19E 0305 FNL 1324 FEL BHL Sec 10 T10S R19E 0200 FSL 1450 FEL
- 43-047-38596 RBU 17-15E Sec 15 T10S R19E 0320 FNL 1324 FEL BHL Sec 15 T10S R19E 1350 FNL 1200 FEL
- 43-047-38597 RBU 18-15E Sec 15 T10S R19E 0125 FNL 1570 FWL BHL Sec 15 T10S R19E 1000 FNL 2100 FWL
- 43-047-38598 RBU 20-14E Sec 15 T10S R19E 1821 FNL 0532 FEL BHL Sec 14 T10S R19E 1100 FNL 0100 FWL
- 43-047-38554 RBU 21-18F Sec 18 T10S R20E 2379 FSL 0834 FWL BHL Sec 18 T10S R20E 2450 FNL 0050 FWL
- 43-047-38555 RBU 27-18F Sec 18 T10S R20E 0902 FSL 2032 FWL BHL Sec 18 T10S R20E 1500 FSL 2700 FWL
- 43-047-38556 RBU 27-18F2 Sec 18 T10S R20E 0888 FSL 2005 FWL BHL Sec 18 T10S R20E 1500 FSL 1300 FWL
- 43-047-38557 RBU 30-18F Sec 18 T10S R20E 0897 FSL 2023 FWL BHL Sec 18 T10S R20E 0250 FSL 2800 FWL
- 43-047-38558 RBU 29-18F Sec 18 T10S R20E 0884 FSL 1996 FWL BHL Sec 18 T10S R20E 0150 FSL 1200 FWL
- 43-047-28549 RBU 17-24E Sec 19 T10S R20E 0703 FNL 0546 FWL BHL Sec 24 T10S R19E 0100 FNL 0150 FEL
- 43-047-38550 RBU 18-19F Sec 19 T10S R20E 0650 FNL 3147 FWL BHL Sec 19 T10S R20E 0050 FNL 2400 FEL

Page 3

43-047-38551 RBU 19-19F Sec 19 T10S R20E 0730 FNL 0558 FWL BHL Sec 19 T10S R20E 1400 FNL 1500 FWL

43-047-38552 RBU 20-19F Sec 19 T10S R20E 0721 FNL 0554 FWL BHL Sec 19 T10S R20E 1700 FNL 0200 FWL

43-047-38553 RBU 23-19F Sec 19 T10S R20E 0654 FNL 3156 FWL BHL Sec 19 T10S R20E 1450 FNL 2850 FEL

43-047-38548 RBU 32-13E Sec 13 T10S R19E 1624 FSL 0913 FEL BHL Sec 13 T10S R19E 1050 FSL 1550 FEL

43-047-38583 RBU 18-10E Sec 10 T10S R19E 0471 FNL 1409 FEL BHL Sec 10 T10S R19E 1350 FNL 1300 FEL

43-047-38591 RBU 25-14E Sec 14 T10S R19E 1380 FSL 0721 FEL BHL Sec 14 T10S R19E 2300 FSL 1250 FEL

43-047-38594 RBU 30-10E Sec 15 T10S R19E 0123 FNL 1590 FWL BHL Sec 10 T10S R19E 0300 FSL 2400 FWL

Our records indicate the RBU 25-10E is closer than 460 feet from the River Bend Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - River Bend Unit

Division of Oil Gas and Mining



State of Utah

# Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > September 25, 2006

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re: River Bend Unit 29-18F Well, Surface Location 884' FSL, 1996' FWL, SW SW, Sec. 18, T. 10 South, R. 20 East, Bottom Location 150' FSL, 1200' FWL, SW SW, Sec. 18, T. 10 South, R. 20 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38558.

Sincerely,

Gil Hunt

Associate Director

Siezle

pab

Enclosures

cc:

Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Don	Dominion Exploration & Production, Inc.				
Well Name & Number	Rive	River Bend Unit 29-18F				
API Number:	43-0	43-047-38558				
Lease:	U-013793					
Surface Location: SW SW	Sec. 18	T. 10 South	<b>R.</b> 20 East			
Bottom Location: SW SW	Sec. 18_	<b>T.</b> <u>10 South</u>	<b>R.</b> 20 East			

# **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
- 6 In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

Form 3160-5 (August, 1999)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires: November 30, 2000

5.	Lease Serial No.	
	U-013793	

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals

6. If Indian, Allottee or Tribe Name

abandoned well. Use	Form 3100-3 (APD) 101	r such proposais.		J			
SUBMIT IN TRIPLIC	ATE - Other Instruction	is on revers <mark>e</mark> slde		7. If Unit or C	A/Agreement, Nam	ne and/or No.	
1. Type of Well					end Unit		_
Oil Well X Gas Well	Other	HIIIHNI!A		8. Well Name	and No.		
2. Name of Operator			<u> </u>		29-18F		
Dominion Exploration & Production	on, Inc.	•	. •	9. API Well N	No.		
3a. Address Suite 6		3b. Phone No. (inclu	•	43-047-38			
14000 Quail Springs Parkway, Ob		(405) 749-13	00	_	Pool, or Exploratory	/ Area	
4. Location of Well (Footage, Sec., T., R., M.,	or Survey Description)			I	ral Buttes		
884' FSL & 1,996' FWL, SW SW, 150' FSL & 1,200' FWL, SW SW,				11. County or Uinta	Parish, State ah, UT		
12. CHECK APPROPRIATE	BOX(ES) TO INDICAT	E NATURE OF N	OTICE, REP	ORT OR O	THER DATA		
TYPE OF SUBMISSION		TYPE	OF ACTION				
X Notice of Intent	Acidize	Deepen	Production (S	tart/Resume)	Water Shut-Off		
_	Altering Casing	Fracture Treat	Reclamation		Well Integrity		
Subsequent Report	Casing Repair	New Construction	Recomplete		X Other		
	Change Plans	Plug and Abandon	Temporarily /	Abandon	Drilling Plan		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispos	al			
13 Describe Proposed or Completed Opera							_
Attach the Bond under which the work following completion of the involved ope testing has been completed. Final Abdetermined that the site is ready for final Please find attached a new plan shows measured dept	erations. If the operation results candonment Notices shall be filed inspection.)  of drilling plan. Previous th.  Acce Utah Oil, Ga	in a multiple completion in a multiple completion only after all requirer	n or recompletion nents, including rewith APD sh	in a new interviclamation, have	al, a Form 3160-4 e been completed ar	shall be filed once nd the operator has	
14. I hereby certify that the foregoing is true a Name (Printed/Typed)	nd correct		ı				
Keri Pfeifer			Title	Associa	ate Regulatory	Specialist	
Signature Kur Philips			Date	11/06/2	006		
ARRENT STATE OF STREET	SPACE FOR THEOR	RALLIO RESTEAM	ne(o)trat(eff	GS <b>IB</b>	1797		
Approved by			Title			Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or ewhich would entitle the applicant to conductive.	quitable title to those rights i	es not warrant or	Office		NAME OF THE OWNER OWNER OF THE OWNER		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the

United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED NOV 1 6 2006

# **APPROVAL OF OPERATIONS**

#### **Attachment for Permit to Drill**

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Well Location:

RBU 29-18F

SHL: 884' FSL & 1996' FWL Section 18-10S-20E BHL: 150' FSL & 1200' FWL Section 18-10S-20E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

#### 2. <u>ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS</u>

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,389
Uteland Limestone	4,449'
Wasatch	4,909'
Chapita Wells	5,799'
Uteland Buttes	7,029
Mesaverde	7,919'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	Type
Wasatch Tongue	4,389'	Oil
Uteland Limestone	4,449'	Oil
Wasatch	4,909'	Gas
Chapita Wells	5,799'	Gas
Uteland Buttes	7,029'	Gas
Mesaverde	7,919'	Gas

#### 4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	Size	Weight	<u>Grade</u>	Conn.	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0'	3,804'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	8,874	7-7/8"

#### 5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

#### **APPROVAL OF OPERATIONS**

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set..

All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0' - 500'	8.4	Air foam mist, no pressure control
500' - 3,804'	8.6	Fresh water, rotating head and diverter
3,804' - 8,874	8.6	Fresh water/2% KCL/KCL mud system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

## 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

#### APPROVAL OF OPERATIONS

#### 12. CEMENT SYSTEMS

- a. Surface Cement:
  - Drill 17-½" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- b. Intermediate Casing Cement:
  - Drill 12-1/4" hole to 3,804'±, run and cement 9-5/8" to surface.
  - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
  - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
  - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>
<u>Type</u>	Sacks	<u>Interval</u>	<b>Density</b>	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>
Lead	453	0'-3,304'	10.5 ppg	4.14 CFS	1073 CF	1,877 CF
Tail	254	3,304-3,804'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.

Water requirement: 26.07 gal/sack Compressives (a), 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.

Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.

Pump Time: 1 hr. 5 min. @  $110^{\circ}$ F.

Compressives @ 110 °F: 2,500 psi after 24 hours

- c. Production Casing Cement:
  - Drill 7-7/8" hole to 8,874'±, run and cement 5 1/2".
  - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
  - Displace with 2% KCL.
  - Production casing to be centralized with 30 centralizers.

					note	Cement
<u>Type</u>	Sacks 5	<u>Interval</u>	<b>Density</b>	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>
Lead	90	4,109'-4,909'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	790	4,909'-8,874'	13.0 ppg	1.75 CFS	687 CF	1374 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack

Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.

Water requirement: 9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

# 13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: December 1, 2006

Duration: 14 Days

Form 3160-3 (February 2005)

## RECEIVE

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES

ALIG 3 0 2006

DEPARTMENT OF THE I		.000	U-013793		
BUREAU OF LAND MANA APPLICATION FOR PERMIT TO I			6. If Indian, Allotee or To	ribe Name	
la. Type of work:  DRILL  REENTE	R		7 If Unit or CA Agreement, Name and No. River Bend Unit		
lb. Type of Well: Oil Well Gas Well Other	✓ Single Zone Multip	le Zone	8. Lease Name and Weil 1 RBU 29-18F	No.	
2. Name of Operator  Dominion Exploration & Production, In	ic.		9. API Well No. 4-3,047,2	8558	
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (inchude area code) 405-749-5263		10. Field and Pool, or Explo Natural Buttes	ratory	
4. Location of Well (Report location clearly and in accordance with am	State requirements.*)		11. Sec., T. R. M. or Blk. an	d Survey or Area	
At surface 884' FSL & 1,996' FWL, Lot 4 (SW. At proposed prod. zone 150' FSL & 1,200' FWL, Lot 4 (SW.	A.		Section 18, T10S, I	R20E, SLB&M	
14. Distance in miles and direction from nearest town or post office*			12. County or Parish	13. State	
10.25 miles southwest of Ouray, Utah			Uintah	UT	
15. Distance from proposed* location to nearest	16. No. of acres in lease	17. Spacing	Unit dedicated to this well		
property or lease line, ft. (Also to nearest drig. unit line, if any)  884'	1,600.00 acres	20 acr			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  10'	19. Proposed Depth 8,600' TVD (8,874' MD)	20. BLM/B WY 33	/BIA Bond No. on file 3322		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,106' GR	22 Approximate date work will star 12/01/2006	t*	23. Estimated duration 14 days		
	24. Attachments				
The following, completed in accordance with the requirements of Onshor	e Oil and Gas Order No.1, must be a	tached to this	form:		
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office).</li> </ol>	Item 20 above).  Lands, the 5. Operator certific	ation	s unless covered by an exis		
25. Signature Don Hamilton	Name (Printed/Typed)  Don Hamilton		Date	08/31/2006	
Title Agent for Dominion					
Approved by (Signature)  Title Assistant Field Manager	Name (Printed Typed)	su Kolo.	Dat	e //-/7-220	
Lands & Mineral Resources	1		FIELD OFFICE		
Application approval does not warrant or certify that the applicant hold conduct operations thereon.  Conditions of approval, if any, are attached.					
	in a factor and a		alea to anni denortment ar an	ency of the United	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

ONS OF APPROVAL ATTACHED \*(Instructions on page 2) CONFIDENTIAL

Accepted by the Utah Division of Mining Oil, Gas and Mining FOR RECORD ONLY

RECEIVED DEC 0 1 2006

ORIGINAL



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE t VERNAL, UT 84078 (

(435) 781-4400



### CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	Dominion Exploratio	n & Production	Location:	Lot 4, Sec 18, T10S, R20E			
Well No:	RBU 29-18F		Lease No:	UTU-013	793		
API No:	43-047-38558		Agreement:	River Be	nd Unit		
Petroleum	Engineer:	Matt Baker	Office: 435-7	81-4490	Cell: 435-828-4470		
Petroleum		Michael Lee	Office: 435-7	81-4432	Cell: 435-828-7875		
Petroleum	and the second of the second o	James Ashley	Office: 435-7	81-4470			
and the second second second second	y Petroleum Technician:	Jamie Sparger	Office: 435-7	81-4502	Cell: 435-828-3913		
Environme	ntal Scientist:	Paul Buhler	Office: 435-7	81-4475	Cell: 435-828-4029		
Environme	ntal Scientist:	Karl Wright	Office: 435-7	81-4484	:		
Natural Re	source Specialist:	Holly Villa	Office: 435-7	81-4404			
Natural Re	source Specialist:	Melissa Hawk	Office: 435-7	81-4476			
Natural Re	source Specialist:	Charles Sharp	Office: 435-7	81-4486			
Natural Re	source Specialist:	Scott Ackerman	Office: 435-7	81-4437			
After hour	s contact number: (435)	781-4513	FAX: (435) 7	781-4410			

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

<del>-</del>	
Location Construction (Notify Karl Wright)	Forty-Eight (48) hours prior to construction of location and access roads
Location Completion (Notify Karl Wright)	- Prior to moving on the drilling rig.
Spud Notice (Notify PE)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Jamie Sparger SPT)	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Jamie Sparger SPT)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify PE)	<ul> <li>Within Five (5) business days after new well begins or</li> <li>production resumes after well has been off production for more than ninety (90) days.</li> </ul>

Page 2 of 6 Well: RBU 29-18F 11/17/2006

#### SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- Surface Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.
- The interim seed mix for reclamation would be:

Hy-crest Crested Wheat grass Agropyron cristatum 4 lbs per acre
Western Wheat grass Agropyron smithii 4 lbs per acre
Needle and Thread grass Stipa comata 4 lbs per acre

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Following well plugging and abandonment, the location, access roads, pipelines, and
  other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to
  approximate the original contour; the top soil respread over the surface; and, the surface
  revegetated. The surface of approved staging areas where construction activities did
  not occur may require disking or ripping and reseeding.

Page 3 of 6 Well: RBU 29-18F 11/17/2006

#### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
- Variance granted:
- Eighty foot long blooie line approved.

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.

Page 4 of 6 Well: RBU 29-18F 11/17/2006

- The lessee/operator must report all shows of water or water-bearing sands to the BLM.
   If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or
  workover equipment will be removed from a well to be placed in a suspended status
  without prior approval of the BLM, Vernal Field Office. If operations are to be suspended
  for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained
  and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
  Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
  until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
  written report requirement. Any additional construction, reconstruction, or alterations of
  facilities, including roads, gathering lines, batteries, etc., which will result in the
  disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
  Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
  Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all

Page 5 of 6 Well: RBU 29-18F 11/17/2006

other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration
  and all future meter proving schedules. A copy of the meter calibration reports will be
  submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the
  API standards for liquid hydrocarbons and the AGA standards for natural gas
  measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - o Operator name, address, and telephone number.
  - o Well name and number.
  - o Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL
   3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A,

Page 6 of 6 Well: RBU 29-18F 11/17/2006

will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## **DIVISION OF OIL, GAS AND MINING**

### **SPUDDING INFORMATION**

Name of Company:	DOMINION	NEXPL & PROD INC
Well Name:	RBU 29-18F	7
Api No: 43-047	-38558	Lease Type: <b>FEDERAL</b>
Section 18 Townsl	nip_10SRange_	20E County UINTAH
Drilling Contractor	BILL JR'S	RIG # <b>6</b>
SPUDDED:  Date	01/09/07	
Time	6:00 PM	
How	DRY	<u>-</u> -
Drilling will Comn	nence:	
Reported by	PAT WISEN	ER
Telephone #	(435) 828-145	55
Date01/ <u>10/2007</u>	Signed	СНД

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

#### **ENTITY ACTION FORM**

Operator:

<u>Dominion Exploration & Production, Inc.</u>

Operator Account Number: N 1095

Address:

14000 Quail Springs Parkway, Suite 600

city Oklahoma City

state OK zip 73134

Phone Number: (405) 749-5237

Well 1

API Number	Well	Name	QQ	Sec	Twp	Rng	County	
43-047-38558	RBU 29-18F		swsw	18	108	20E Uintah		
Action Code	Current Entity Number	New Entity Number	s	Spud Date		Entity Assignment Effective Date		
*B	99999	7050		1/9/200	7	1//	8/07	
Comments: $\gamma\gamma$	IVRD= WS7	NVD			$\cap$	ONICIE	TENTINI	

BHL = SWSW

<u>UUNTIUENTIAL</u>

Well 2

API Number	Well	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Ş	pud Da	le.	Enti E	y Assignment fective Date
Comments:					<u></u>		

Well 3

API Number	Well	Name	QQ	Sec	Тwp	Rng	Gounty
Action Code	Gurrent Entity Number	New Entity Number	i i i i i i i i i i i i i i i i i i i	Spud Da	arrea caracterist	En	lity Assignment Effective Date
Comments:			<u> </u>		•••	<u> </u>	· · · · · · · · · · · · · · · · · · ·

#### **ACTION CODES:**

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

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Barbara Lester

Regulatory Specialist

Date

(5/2000)

Date: 2/7/2007 Time: 3:42:26 PM

**FACSIMILE COVER PAGE** 

To: Utah Division of Oil, Gas & Mining

Sent: 2/7/2007 at 3:30:22 PM

Subject: RBU 29-18F

From: g

Pages:

2 (including Cover)

43-047-38558 1810520e

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#### WELL CHRONOLOGY REPORT

WELL NAME: RBU 29-18F

Event No: 1

**DISTRICT: WESTERN** 

FIELD: NATURAL BUTTES 630

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

COUNTY & STATE : UINTAH

CONTRACTOR:

WI %: 100.00

AFE #: 0700179

API#: 43-047-38558

PLAN DEPTH:8,874

SPUD DATE: 01/09/07

DHC: \$863,500

CWC: \$762,621

AFE TOTAL: \$1,626,121

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$104,309.00

**EVENT CC: \$0.00** 

EVENT TC: \$104,309.00

WELL TOTL COST: \$104,309

REPORT DATE: 01/11/07

MD: 550

TVD: 550

DAYS:

MW:

VISC:

DAILY: DC: \$104,309.00

CC:\$0.00

TC:\$104,309.00

CUM: DC: \$104,309.00

CC: \$0.00

TC: \$104,309.00

DAILY DETAILS: MIRU BILL JRS #6. SPUD WELL ON 1-09-07 @ 6:00 PM. DRILL 550' OF 17.5" HOLE. RUN & SET 12 JT'S 13.375", 48#, H-40 CSGN @ 522/GL. CEMENT W/ 500 SKS TAIL CEMENT MIXED @ 15.8 PPG & 1.15 YLD. W/ GOOD

RETURNS AND 10 BBLS CEMENT RETURNED TO PIT.

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Page 1 of 2

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43-047-38558 18 10s 20e

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FEB 1 4 200/



## **WELL CHRONOLOGY REPORT**



WELL NAME: RBU 29-18F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

**COUNTY & STATE: UINTAH** 

CONTRACTOR:

SPUD DATE: 01/09/07

WI %: 100.00

AFE #: 0700179

API#: 43-047-38558

PLAN DEPTH:8,874

DHC: \$863,500

CWC: \$762,621

AFE TOTAL: \$1,626,121

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$305,692.00

EVENT CC: \$0.00

EVENT TC: \$305,692.00

WELL TOTL COST: \$305,692

REPORT DATE: 02/11/07

MD: 550

TVD: 550

DAYS: 1

MW:

VISC:

DAILY: DC: \$30,250.00

CC:\$0.00

TC:\$30,250.00

CUM: DC: \$134,559.00

CC: \$0.00

TC: \$134,559.00

DAILY DETAILS: MOVE IN & RIG UP PATTERSON 12 - RIG IS 100% ON LOC. SUB IS SET

REPORT DATE: 02/12/07

MD: 568

TVD: 568

DAYS: 2

MW:

VISC:

DAILY: DC: \$30,250.00

CC:\$0.00

TC:\$30,250.00

CUM: DC: \$164,809.00

CC: \$0.00

TC: \$164,809.00

DAILY DETAILS: MOVE IN AND RIG UP PATTERSON 12

**REPORT DATE: 02/13/07** 

MD: 568

TVD: 568

DAYS: 3

MW:

VISC:

DAILY: DC: \$35,500.00

CC:\$0.00

TC:\$35,500.00

CUM: DC: \$200,309.00

CC: \$0.00

TC: \$200,309.00

DAILY DETAILS: RIG UP AND CHANGE OUT #2 FLOOR MOTOR & WORK ON #1 PUMP MOTOR PICK UP BHA AND MWD

**REPORT DATE: 02/14/07** 

MD: 1,201

TVD: 1,192

DAYS: 4

MW:8.5

**VISC: 30** 

DAILY: DC: \$105,383.00

CC:\$0.00

TC:\$105,383.00

CUM: DC: \$305,692.00

CC: \$0.00

TC: \$305,692.00

DAILY DETAILS: DRILL F/568' T/803' ROT. & SLIDE TO BUILD ANGLE RIG SERVICE RIG REPAIR - POP OFF ON #1 MUD PUMP

DRILL F/803' T/1201' ROT. & SLIDE TO BUILD ANGLE

RECEIVED FEB 1 4 200/

Date: 2/21/2007 Time: 2:54:56 PM

**FACSIMILE COVER PAGE** 

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Utah Division of Oil, Gas & Mining

2/21/2007 at 2:10:52 PM

Subject : **RBU 29-18F** 

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From:

2 (including Cover) Pages:

> 43-047-38558 18 105 20e

Page: 1



#### WELL CHRONOLOGY REPORT

WELL NAME: RBU 29-18F

Event No: 1

DISTRICT: WESTERN

**FIELD: NATURAL BUTTES 630** 

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

**COUNTY & STATE: UINTAH** 

CONTRACTOR:

Date: 2/21/2007 Time: 2:54:56 PM

**PLAN DEPTH: 8,874** SPUD DATE: 01/09/07

WI %: 100.00

AFE#: 0700179

API#: 43-047-38558

DHC: \$863,500

CWC: \$762,621

AFE TOTAL: \$1,626,121

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$696,377.00

**EVENT CC: \$0.00** 

EVENT TC: \$696,377.00

**WELL TOTL COST: \$696,377** 

**REPORT DATE: 02/14/07** 

MD: 1,201

TVD: 1,192

DAYS: 4

MW:8.5

**VISC: 30** 

DAILY: DC: \$105,383.00

CC:\$0.00

TC:\$105,383.00

CUM: DC: \$305,692.00

CC: \$0.00

TC: \$305,692.00

DAILY DETAILS: DRILL F/568' T/803' ROT. & SLIDE TO BUILD ANGLE RIG SERVICE RIG REPAIR - POP OFF ON #1 MUD PUMP DRILL F/803' T/1201' ROT. & SLIDE TO BUILD ANGLE

**REPORT DATE: 02/15/07** 

MD: 1,930

TVD: 1,858

DAYS: 5

MW:8.6

**VISC: 32** 

DAILY: DC: \$38,025.00

CC:\$0.00

TC:\$38,025.00

CUM: DC: \$343,717.00

CC: \$0.00

TC: \$343,717.00

DAILY DETAILS: DRILL F/1201' T/1233' ROT. & SLIDE TO BUILD ANGLE CIRC. PUMP SWEEOS & WORK TIGHT HOLE DRILL

F/1233' T/1930' ROT. & SLIDE TO BUILD ANGLE

**REPORT DATE: 02/16/07** 

MD: 2,722

TVD: 2,537

DAYS: 6

MW:8.6

VISC: 34

DAILY: DC: \$37,340.00

CC:\$0.00

TC:\$37,340.00

CUM: DC: \$381,057.00

CC: \$0.00

TC: \$381,057.00

DAILY DETAILS: DRILL F/1930' T/2030' ROT. & SLIDE TO HOLD ANGLE CIRC. PUMP SWEEP - WORK TIGHT HOLE DRILL

F/2030' T/2722' ROT. & SLIDE TO HOLD ANGLE

**REPORT DATE: 02/17/07** 

MD: 3,198

TVD: 2,979

DAYS: 7

MW:8.6

**VISC: 35** 

DAILY: DC: \$41,229.00

CC: \$0.00

TC:\$41,229.00

CUM: DC: \$422,286.00

CC: \$0.00

TC: \$422,286.00

DAILY DETAILS: DRILL F/2722' T/3012' ROT. SLIDE TO DROP ANGLE REPAIR LEAK IN MUD LINE DRILL F/3012' T/3198' ROT.

SLIDE TO DROP ANGLE

**REPORT DATE: 02/18/07** 

MD: 3,650

TVD: 3,420

DAYS: 8

MW:9.1

VISC: 38

DAILY: DC: \$40,405.00

CC:\$0.00

TC:\$40,405.00

CUM: DC: \$462,691.00

CC: \$0.00

TC: \$462.691.00

DAILY DETAILS: DRILL F/3198' T/3442' SLIDE AND ROT. TO DROP ANGLE WORK ON #1 MUD PUMP DRILL F/3442' T/3650' SLIDE

AND ROT.TO DROP ANGLE TO 4? @ 3650' (CSG. POINT) CIRC. AND COND. FOR CSG.

**REPORT DATE: 02/19/07** 

MD: 3,650

TVD: 3.420

DAYS: 9

MW:9.1

**VISC: 38** 

DAILY: DC: \$164,544.00

TC:\$164,544.00

CC: \$0.00

CUM: DC: \$627,235.00

CC: \$0.00

TC: \$627,235.00

DAILY DETAILS: TRIP OUT TO RUN CSG. RIG UP WEATHERFORD AND LAY 8" TOOLS RAN 84 JTS. 9 5/8" 36# J-55 ST& CSG. WITH FLOAT SHOE AND COLLAR 3631' (TOP JT. IS 40#) RIG UP CMT. HEAD AND CIRC.& COND. FOR CMT. JOB CMT. WITH BIG "4" PUMPED 20 BBL WATER AHEAD OF LEAD = 500SK HI-FILL WT. 11# YIELD 3.82 TAIL =

250SK PREMIUM WT. 15.8# YIELD 1.15 - DROPPED PLUG AND DISP. WITH 277 BBL WATER - FULL RET. - +/- 50 BBL. CMT TO SURF. - FLOATS HELD NIPPLE DOWN 13 5/8" ROT. HEAD AND NIPPLE UP BOP

REPORT DATE: 02/20/07

MD: 3,650

TVD: 3,420

DAYS: 10

MW:8.5

VISC: 26

DAILY: DC: \$33,867.00

CC:\$0.00

MD: 4.584

TC:\$33,867.00

CUM: DC: \$661,102.00

CC: \$0.00

TC: \$661.102.00

DAILY DETAILS: NIPPLE UP BOP, CHOKE & FLOW LINE PRESSURE TEST BOP, CHOKE MANIFOLD, KELLY VALVES & LINES TO

DRILL 4425' T/4584'

ANNULAR & 9 5/8" CSG. TO 1500 PSI INSTALL WEAR RING PICK UP NEW BHA SLIP AND CUT DRILLING LINE WORK ON MUD PUMPS ( SWABS & VALVES) DRILL OUT CMT FLOAT & SHOE

TVD: 4,353

**VISC: 26** 

DAILY: DC: \$35,275.00

**REPORT DATE: 02/21/07** 

TC:\$35,275.00 CC:\$0.00 DAILY DETAILS: DRILL F/3650' T/3665' FIT TO 100PSI & CLEAN OUT FLOW LINE DRILL F/3665' T/3918' SURVEY @ 3832' MISS

MW:8.5 DAYS: 11 CUM: DC: \$696,377.00 CC: \$0.00

TC: \$696 377.00

RUN & RIG SERVICE DRILL F/3918' T/3950' SURVEY @ 3864' 5? DRILL F/3950' T/4425' SURVEY @ 4339' 2 3/4?

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FEB 2 1 2007

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Date: 2/28/2007 Time: 4:47:48 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

To:

Utah Division of Oil, Gas & Mining

Sent :

2/28/2007 at 3:52:40 PM

Subject:

**RBU 29-18F** 

From:

g

Juliu Livilia

Pages:

2 (including Cover)

43-047-38558 18 10s 20e

> RECEIVED FEB 2 8 2007 DIV. OF OIL, GAS & MINING



#### WELL CHRONOLOGY REPORT



WELL NAME: RBU 29-18F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

COUNTY & STATE : UINTAH

EVENT DC: \$1,148,622.00

CONTRACTOR:

SPUD DATE: 01/09/07

WI %: 100.00

AFE #: 0700179

API#: 43-047-38558

**PLAN DEPTH: 8,874** 

DHC: \$863,500

CWC: \$762,621

AFE TOTAL: \$1,626,121

FORMATION: WASATCH/MESAVERDE

**EVENT CC: \$0.00** 

EVENT TC: \$1,148,622.00

WELL TOTL COST: \$1,148,622

**REPORT DATE: 02/22/08** 

MD: 6,202

TVD: 5,971

DAYS: 12

MW:8.5

**VISC: 26** 

DAILY: DC: \$38,590.00

CC:\$0.00

TC:\$38,590.00

CUM: DC: \$766.317.00

CC: \$0.00

TC: \$766,317.00

DAILY DETAILS: DRILL F/4584' T/5123' RIG SERVICE DRILL F/5123' T/5409' SURVEY @ 3523' 1 3/4? DRILL F/5409' T/6202'

**REPORT DATE: 02/23/08** 

MD: 7,723

TVD: 7.492

DAYS: 13

MW:8.6

**VISC: 26** 

DAILY: DC: \$45,275.00

DAILY: DC: \$36,160.00

CC:\$0.00

TC:\$45,275.00

CUM: DC: \$811,592.00

CUM: DC: \$847,752.00

CC: \$0.00

TC: \$811,592.00

DAILY DETAILS: DRILL F/6202' T/6455' RIG SERVICE DRILLF/6455' T/7723'

**REPORT DATE: 02/24/08** 

MD: 8,611 CC:\$0.00 TVD: 8.380

TC:\$36,160.00

DAYS: 14

MW:8.6 CC: \$0.00 VISC: 26

TC: \$847,752.00

TC: \$887.827.00

DAILY DETAILS: DRILL F/7723' T/8136' RIG SERVICE DRILL F/8130' T/8612'

**REPORT DATE: 02/25/08** 

MD: 8,850

TVD: 8,618

DAYS: 15

MW:9.1

CC: \$0.00

**VISC: 35** 

DAILY: DC: \$40.075.00 CC:\$0.00 TC:\$40,075.00 CUM: DC: \$887,827.00 DAILY DETAILS: DRILL F/8611' T/8739' RIG SERVICE DRILL F/8739' T/8850' T.D. CIRC. & COND. WELL FOR LOGS DROP SURVEY

& PUMP PILL

@ 24:00 2/26/2007

**REPORT DATE: 02/26/08** 

MD: 8,850

TVD: 8,618

DAYS: 16

MW:9.2

**VISC: 39** 

DAILY: DC: \$184,727.00

CC:\$0.00

TC:\$184,727.00

CUM: DC: \$1,072,554.00 CC: \$0.00

TC: \$1,072,554.00

DAILY DETAILS: TRIP OUT TO LOG LOGGING WITH SCHLUMBERGER - PLATFORM EXPRESS LOGGERS T.D. 8850' TRIP IN

HOLE TO 8850' CIRC.& COND. LAY DOWN D.P.

**REPORT DATE: 02/27/08** 

MD: 8,850

TVD: 8,618

DAYS: 17

MW:9.3

VISC: 36

DAILY: DC: \$76,068.00

CC:\$0.00

TC:\$76,068.00

CUM: DC: \$1,148,622.00 CC: \$0.00

TC: \$1.148.622.00

DAILY DETAILS: LAY DOWN D.P. & BHA RIG UP WEATHERFORD & RAN 211 JTS. 5 1/2" 17# M-80 LT&C WITH FLOAT SHOE &

COLLAR - TOTAL 8834' - PBTD @ 8789' CIRC. & COND. FOR CMT. & RIG UP BIG "4" CEMENTERS CMT. PUMPED 40 WATER AHEAD OF LEAD = 100 SK PREM. 11 PPG YIELD 3.82 TAIL = 620 SK 65/35 "G" 13 PPG YIELD 1.85 NIPPLE DOWN BOP & CLEAN MUD TANKS RIG DOWN TO SKID TO RBU 27-18-F2 RIG RELEASED

FEB 2 8 2007

Form 3160-5 (August, 1999)

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or

which would entitle the applicant to conduct operations thereon.

certify that the applicant holds legal or equitable title to those rights in the subject lease

## **UNITED STATES**

FORM APPROVED

DEPARTMENT OF THE INTERIOR OMB No. 1004-0135 Expires: November 30, 2000 **BUREAU OF LAND MANAGEMENT** 5. Lease Serial No. U-013793 SUNDRY NOTICES AND REPORTS ON WELLS If Inc an, Allottee or Tribe Name Do not use this form for proposals to drill or to re-enter abandoned well. Use Form 3160-3 (APD) for such proposals. 7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well	500 Care 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			River B	end Unit
Oil Well X Gas Well	Other			8. Well Name	and No.
2. Name of Operator				RBU 29	
Dominion Exploration & Production	n Inc			9. API Well N	ło.
3a. Address	, , , , , , , , , , , , , , , , , , ,	3b. Phone No. (include	e area code)	43-047-	-38558
14000 Quail Springs Pkwy, Ste 60		(405) 749-523	7	j	Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M.,				Natural	
SHL: 884' FSL & 1996' FWL, SW BHL: 150' FSL & 1200' FWL, SW				11. County or Uintah,	,
12. CHECK APPROPRIATE	BOX(ES) TO INDICAT	E NATURE OF NO	OTICE, REP	ORT OR OT	THER DATA
TYPE OF SUBMISSION		ТҮРЕ (	OF ACTION		
Notice of Intent	Acidize	Deepen	Production (S	tart/Resume)	Water Shut-Off
	Altering Casing	Fracture Treat	Reclamation		Well Integrity
X Subsequent Report	Casing Repair	New Construction	Recomplete		Other
	Change Plans	Plug and Abandon	Temporarily A		Drilling Operations
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispos	al	
Attach the Bond under which the work following completion of the involved ope testing has been completed. Final Ab determined that the site is ready for final 2/18/07 - Ran 84 jts 9-5/8", w/250 sks Class G, 15.8 pp 2/26/07 - Ran 211 jts 5-1/2" w/620 sks Class G, 13.0 pp	or recomplete horizontally, giver will be performed or provide the frations. If the operation results handonment Notices shall be filed inspection.)  36#, J-55, ST&C csg stag, 1.15 yld. 50 bbls cm r. 17#, M-80, LT&C csg stag, 1.85 yld. Rig down,	e subsurface locations a e Bond No. on file with B in a multiple completion d only after all requirements at the contract of t	nd measured an ILM/BIA. Required or recompletion ents, including refundance with the second sec	d true vertical dired subsequen in a new intervolamation, have	lepths of all pertinent markers and zones. It reports shall be filed within 30 davs ral, a Form 3160-4 shall be filed once been completed and the operator has
14. I hereby certify that the foregoing is true a Name (Printed/Typed)	nd correct		1		
Barbara Lester			Title	Regula	tory Specialist
Signature A	Hestr		Date	2/6/200	)7
KURUSUSSIONALALISISSI KASUNISI					<b>建筑的</b> 是是是是是一个特别的。

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Title

Office

RECEIVED MAR 0 9 2007 DIV. OF OIL, GAS & MINING Date

Date: 3/14/2007 Time: 5:00:20 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

Utah Division of Oil, Gas & Mining To:

Sent: 3/14/2007 at 4:09:40 PM

Subject: **RBU 29-18F**  From:

Pages:

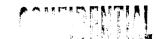
2 (including Cover)

43-047-38558 18/0520e

> **RECEIVED** MAR 1 4 2007



#### WELL CHRONOLOGY REPORT



Page: 1

WELL NAME: RBU 29-18F

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

Event No: 1

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

**COUNTY & STATE: UINTAH** 

CONTRACTOR:

WI %: 100.00

AFE #: 0700179

API#: 43-047-38558

**PLAN DEPTH : 8,874** 

SPUD DATE: 01/09/07

DHC: \$863,500

CWC: \$762,621

AFE TOTAL: \$1,626,121

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$1,117,272.00

**EVENT CC: \$0.00** 

EVENT TC: \$1,117,272.00

WELL TOTL COST: \$1,117,272

**REPORT DATE: 02/27/07** 

MD: 8,850

TVD: 8,618

DAYS: 17

MW:9.3

**VISC: 36** 

DAILY: DC: \$76,068.00

CC:\$0.00

TC:\$76,068.00

CUM: DC: \$1,117,272.00 CC: \$0.00

TC: \$1,117,272.00

DAILY DETAILS: LAY DOWN D.P. & BHA RIG UP WEATHERFORD & RAN 211 JTS. 5 1/2" 17# M-80 LT&C WITH FLOAT SHOE & COLLAR - TOTAL 8834' - PBTD @ 8789' CIRC. & COND. FOR CMT. & RIG UP BIG "4" CEMENTERS CMT. PUMPED 40 WATER AHEAD OF LEAD = 100 SK PREM. 11 PPG YIELD 3.82 TAIL = 620 SK 65/35 "G" 13 PPG YIELD 1.85 NIPPLE DOWN BOP & CLEAN MUD TANKS RIG DOWN TO SKID TO RBU 27-18-F2 RIG RELEASED

@ 24:00 2/26/2007

Page 1 of 2

**FACSIMILE COVER PAGE** 

Utah Division of Oil, Gas & Mining

Sent: 3/22/2007 at 11:02:42 AM

Subject: RBU 29-18F

To:

From:

Date: 3/22/2007 Time: 12:42:34 PM

Pages:

2 (including Cover)

43-047-38558 18 10s 20e

**RECEIVED** MAR 2 2 2007





### WELL CHRONOLOGY REPORT

WELL NAME: RBU 29-18F

Event No: 1

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

**COUNTY & STATE: UINTAH** 

CONTRACTOR:

WI %: 100.00

AFE#: 0700179

API#: 43-047-38558

PLAN DEPTH:8,874

SPUD DATE: 01/09/07

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REPORT DATE: 02/27/07

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DAYS: 17

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DAILY: DC: \$76,068.00

CC:\$0.00

TC:\$76,068.00

CUM: DC: \$1,117,272.00 CC: \$0.00

TC: \$1,117,272.00

DAILY DETAILS: LAY DOWN D.P. & BHA RIG UP WEATHERFORD & RAN 211 JTS. 5 1/2" 17# M-80 LT&C WITH FLOAT SHOE & COLLAR - TOTAL 8834' - PBTD @ 8789' CIRC. & COND. FOR CMT. & RIG UP BIG "4" CEMENTERS CMT. PUMPED 40 WATER AHEAD OF LEAD = 100 SK PREM. 11 PPG YIELD 3.82 TAIL = 620 SK 65/35 "G" 13 PPG YIELD 1.85 NIPPLE DOWN BOP & CLEAN MUD TANKS RIG DOWN TO SKID TO RBU 27-18-F2 RIG RELEASED

@ 24:00 2/26/2007

RECEIVED MAR 2 2 2007

Date: 3/28/2007 Time: 4:03:02 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

To:

Utah Division of Oil, Gas & Mining

3/28/2007 at 3:17:12 PM

Subject: **RBU 29-18F** 

Sent:

From: g

Pages:

2 (including Cover)

43-047-38558

RECEIVED MAR 2 8 2007

Page: 1



#### WELL CHRONOLOGY REPORT

WELL NAME: RBU 29-18F

Event No: 1

DISTRICT: WESTERN

FIELD: NATURAL BUTTES 630

LOCATION: 884' FSL 1996' FWL SEC 18 T 10S R 20E

**COUNTY & STATE: UINTAH** 

CONTRACTOR:

WI %: 100.00

AFE #: 0700179

API#: 43-047-38558

PLAN DEPTH:8,874

SPUD DATE: 01/09/07

DHC: \$863,500

CWC: \$762,621

AFE TOTAL: \$1,626,121

FORMATION: WASATCH/MESAVERDE

EVENT DC: \$1,117,272.00

**EVENT CC: \$0.00** 

EVENT TC: \$1,117,272.00

WELL TOTL COST: \$1,117,272

**REPORT DATE: 02/27/07** 

MD: 8,850

TVD: 8,618

DAYS: 17

MW:9.3

**VISC: 36** 

DAILY: DC: \$76,068.00

CC:\$0.00

CUM: DC: \$1,117,272.00 CC: \$0.00

TC: \$1,117,272.00

TC:\$76,068.00

DAILY DETAILS: LAY DOWN D.P. & BHA RIG UP WEATHERFORD & RAN 211 JTS. 5 1/2" 17# M-80 LT&C WITH FLOAT SHOE & COLLAR - TOTAL 8834' - PBTD @ 8789' CIRC. & COND. FOR CMT. & RIG UP BIG "4" CEMENTERS CMT. PUMPED 40 WATER AHEAD OF LEAD = 100 SK PREM. 11 PPG YIELD 3.82 TAIL = 620 SK 65/35 "G" 13 PPG YIELD 1.85 NIPPLE DOWN BOP & CLEAN MUD TANKS RIG DOWN TO SKID TO RBU 27-18-F2 RIG RELEASED

@ 24:00 2/26/2007

Date: 4/10/2007 Time: 5:40:36 PM

Page 1 of 2

**FACSIMILE COVER PAGE** 

Sent:

Subject:

To: Utah Division of Oil, Gas & Mining

4/40/0007 4.5.00.50.504

4/10/2007 at 5:00:56 PM

RBU 29-18F TIOS RADE 5-18

From: g

Pages: 2 (including Cover)

43-047-38558

CONFIDENTIAL

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APR 1 0 2007

RIG UP WEATHERFORD & RAN 211 JTS. 5 1/2" 17# M-80 LT&C WITH FLOAT SHOE & COLLAR -

CMT. PUMPED 40 WATER AHEAD OF LEAD = 100 SK PREM. 11 PPG YIELD 3.82 TAIL = 620 SK

Daily Detail:

LAY DOWN D.P. & BHA

TOTAL 8834' - PBTD @ 8789'

65/35 "G" 13 PPG YIELD 1.85

NIPPLE DOWN BOP & CLEAN MUD TANKS

CIRC. & COND. FOR CMT. & RIG UP BIG "4" CEMENTERS

RIG DOWN TO SKID TO RBU 27-18-F2 RIG RELEASED @ 24:00 2/26/2007

Date: 4/10/2007 Time: 5:40:36 PM From: Dominion Resources To: Utah Division of Oil, Gas & Mining Page 1 of 1 DEPI Well Operations Chronology Report DOL: 16 DFS: 13 Report Date: 2/26/2007 API: 430473855800 Rpt No.: 17 Well: RBU 29-18F Operator: DOMINION EXPLORATION & PRODUCTION INC Final Surface Location Rig Name Start Date: 12/13/2008 Spud Dt.: 1/9/2007 Type: DEVELOPMENT Event DRILL AFE No.: 0700179 Authorized Days: Supervisor: SCOTT SEELY Engineer Authorized MD/TVD: /8,600 WI: Active Datum: NO REF ELEV FROM PERC Ground Elev.: 5,108.00 @0.0ft (BILL JRS 8) LAST CASING MUD WEIGHT CURRENT DEPTH HOLE SIZE LOT(EMW) SIZE MD TVD(ft) 24 Hr. Progress MD(ft) (ppg) 0.0(6) (\*) (ft) 3 297 70 3,526.00 9.20(ppg) TVD TOP (ft) NEXT CASING MD TOP (ft) FORMATION/TARGET NAME TVD (ft) (ft) (') Well Costs (\$) Daily Detail: TRIP OUT TO LOG LOGGING WITH SCHLUMBERGER - PLATFORM EXPRESS LOGGERS T.D. 8850' AFE Actual TRIP IN HOLE TO 88501 184,727.00 CIRC.& COND. Daily Cost LAY DOWN D.P 1,626,121.00 1,041,204.00 Cumulative Total Report Date: 2/27/2007 DFS: 14 DOL: 17 Well: RBU 29-18F API: 430473855800 Rpt No.:18 Operator: DOMINION EXPLORATION & PRODUCTION INC UWI Final Surface Location Rig Name Spud Dt.: 1/9/2007 Type: DEVELOPMENT Start Date: 12/13/2006 Event DRILL Authorized Days: AFE No.: 0700179 Supervisor SCOTT SEELY Engineer Authorized MD/TVD: /8,600 w Active Datum: NO REF ELEV FROM PERC Ground Elev.: 5,106.00 @0.0ft (BILL JRS 6) LAST CASING CURRENT DEPTH HOLE SIZE MUD WEIGHT LOT(EMW) SIZE MD 24 Hr. Progress MD(ft) (ft) (ft) 3,526.00 3,297.70 0.0(ft) 9.30(ppg) (\*) NEXT CASING TVD TOP (ft) FORMATION/TARGET NAME MID TOP (ft) TVD SIZE (ft) (") **(ft)** 

CONFIDENTIAL

Well Costs (\$)

1,826,121.00

Dally Cost

**Cumulative Total** 

Actual

76.068.00

1,117,272.00

RECEIVED APR 1 0 2007

Date: 4/26/2007 Time: 5:20:58 PM

From:

Page 1 of 2

**FACSIMILE COVER PAGE** 

Utah Division of Oil, Gas & Mining To:

4/26/2007 at 3:12:24 PM

2 (including Cover) Pages: Sent:

TlOS RADE S-18 43-047-38559 **RBU 29-18F** Subject:

**RECEIVED** APR 2 6 2007

DIV. OF OIL, GAS & MIT AND

		DEP	l Well Oper	ations Chro	nology Re	port		Page 1 of
Well: RBU 29-18F		API: 430473956600		Rpt No.: 17	DOL: 16	DFS: 13	Report Date: 2/26/	2007
Operator: DOMINION EX	(PLORATION & PRODUC	TION INC		UWI:				
Rig Name:				Final Surface Location	n:			
Event: DRILL		Start Date: 12/13/2006		Spud Dt.: 1/9/2007		Type: DEVELOPMENT	- Thanh kalana	1994 - 1
Supervisor: SCOTT SEE	LY	Engineer:	,	AFE No : 0700179 Authorized Days:				
Active Datum: NO REF @0.0ft (	ELEV FROM PERC BILL JRS 6)	Ground Elev.: 5,106.00		WI:		Authorized MD/TVD: /8,0	500	
	CURRENT DEP	TH .	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	סעד	LOT(EMW)
3,526.00	3,297.70	0.0(ft)		9.20(ppg)	(*)	(ft)	(ft)	(ppg)
	FORMATION/	ARGET NAME		MD TOP (R)	TVD TOP (ft)		NEXT CASING	
				. procession (1. 200)	pagamanangan kan da	SIZE	MD	TVD
						(*)	(ft)	(ft)
Daily Detail: TRIP	OUT TO LOG		** 1011				Well Costs (\$)	
LOGG	ING WITH SCHLUMB	ERGER - PLATFORM EX	PRESS LOGGERS	S T.D. 8850'			AFE	Actual
CIRC.	N HOLE TO 8850' & COND.					Daily Cost		184,727.00
LAY D	OWN D.P.					Cumulative Total	1,626,121.00	1,041,204.00
Well: RBU 29-18F		API: 430473855800		Rpt No.: 18	DOL: 17	DFS:14	Report Date: 2/27/	8007
Operator DOMINION EX	PLORATION & PRODUC	TION INC		UWI:				
Rig Name:				Final Surface Location	i:			
Event DRILL		Start Date: 12/13/2008		Spud Dt.: 1/9/2007		Type: DEVELOPMENT		
Supervisor: SCOTT SEE	LY	Engineer:		AFE No.: 0700179		Authorized Days:		
Active Datum: NOREF @0.0ft(I	ELEV FROM PERC BILL JRS 6)	Ground Elev.: 5,106.00		Wf:		Authorized MD/TVD: /8,6	300	
	CURRENT DEP	114	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
3,526.00	3,297.70	0.0(ft)		9.30(ppg)	(*)	(ft)	(ft)	(ppg)
	FORMATIONA	ARGET NAME		MD TOP (ft)	TVD TOP (TI)		NEXT CASING	
400 10 10 10 10 10 10 10 10 10 10 10 10 1		200000	100000000000000000000000000000000000000			SIZE	MD	TVD
						(*)	(ft)	(ft)
	OWN D.P. & BHA						Well Costs (\$)	
	P WEATHERFORD & _ 8834' - PBTD @ 878	RAN 211 JTS, 5 1/2" 17# 9'	M-80 LT&C WITH F	FLOAT SHOE & COL	LAR -		AFE	Actual
CIRC.	& COND. FOR CMT.	& RIG UP BIG "4" CEMEN			40.01/	Daily Cost		76,068.00
	PUMPED 40 WATER / "G" 13 PPG YIELD 1.8	AHEAD OF LEAD = 100 \$ 85	SK PREM. 11 PPG 1	YIELD 3.82 TAIL = 6.	20 SK	Cumulative Total	1,626,121.00	1,117,272.90
	E DOWN BOP & CLEA	AN MUD TANKS IU 27-18-F2 RIG RELEA	SED @ 24:00 2/26/	2007				

RECEIVED APR 2 6 2007

DIV. OF OIL, GAS

1.00	Clayer								
্লা <u>ই</u> ট	113.38	per committee of the second	Heron Honey	a de contratega	and the state of	100		\$-0\$-100-200	Complete March State Complete
Operator: DOM	INION EX	PLORATION & PRODUCT	TION INC		UWI:				
Rig Name:					Final Surface Location	:		-00	
Event: ORILL			Start Date: 12/13/2006	···	Spud Dt.: 1/9/2007		Type: DEVELOPMENT	THAL	MENTIAL
Supervisor: SC	OTT SEEI	.Y	Engineer:		AFE No.: 0700179		Authorized Days:	OCIVI	DEMINE
Active Datum:		ELEV FROM PERC BILL JRS 6)	Ground Elev.: 5,106.00		WI:		Authorized MD/TVD: /8,60	00	
1.4		ទីស្រីម៉ូស៊ីម៉ែល		aioneire	MUD WEIGHT	3140	LAST	CASING	and the second
MD(ft)	or management of the same	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
3,526.0	10	3,297.70	0.0(ft)		9.30(ppg)	(*)	(ft)	(ft)	(ppg)
		EORRATIONS	ARGET NAME	100	MD TOP (ft)	TYO TOP (A)		NEXT CASING	10 May 10 Ma
							SIZE	MD	TVD
							(")	(ft)	(ft)
Daily Detail:		OWN D.P. & BHA						Well Costs (\$)	
		P WEATHERFORD & F _ 8834' - PBTD @ 8789	RAN 211 JTS. 5 1/2" 17#	M-80 LT&C WITH I	FLOAT SHOE & COL	LAR -		AFE	Actual
	CIRC.	& COND. FOR CMT. 8	RIG UP BIG "4" CEMEI				Daily Cost	100	76,068.00
			HEAD OF LEAD = 100 :	SK PREM. 11 PPG	YIELD 3.82 TAIL = 6	20 SK	Cumulative Total	1,626,121.00	1,117,272.00
		'G" 13 PPG YIELD 1.8! E DOWN BOP & CLEA							
	RIG D	OWN TO SKID TO RBI	J 27-18-F2 RIG RELEA	SED @ 24:00 2/26/	2007		l		





	San Succession	t and the		Selection .	A.J. A			<b>3</b>
r <b>ip</b> ge Lid								e de la companya de
	a di <b>str</b> ica		5		principality			ing a second
Operator: DOMINION E	XPLORATION & PRODUC			UWI:				
Rig Name:				Final Surface Location	:			
Event: DRILL		Start Date: 12/13/2006		Spud Dt.: 1/9/2007		Type: DEVELOPMENT		
Supervisor: SCOTT SEE	ELY	Engineer:		AFE No.: 0700179		Authorized Days:		
Active Datum: NO RE	F ELEV FROM PERC (BILL JRS 6)	Ground Elev.: 5,106.00		WI:	_	Authorized MD/TVD: /8,6	500	
	CURRENT DEP	TH and a framework	HOLE SIZE	MUD WEIGHT	American approximation	LAST	CASING	oyak i na nakawa
MD(ft)	TVD(ft)	24 Hr. Progress	_		SIZE	MD	TVD	LOT(EMW)
3,526.00	3,297.70	0.0(ft)		9.30(ppg)	(°)	(ft)	(ft)	(ppg)
	FORMATION/T	ARGETNAME		MD TOP (ft)	TVD TOP (ft)	AN THE STATE OF TH	NEXT CASING	
part comments and a second						SIZE	MD	TVD
						(*)	(ft)	(ft)
	DOWN D.P. & BHA						Well Costs (\$)	
	JP WEATHERFORD &   AL 8834' - PBTD @ 878!	RAN 211 JTS, 5 1/2" 17# o'	M-80 LT&C WITH F	FLOAT SHOE & COL	LAR -		AFE	Actual
CIRC	. & COND. FOR CMT. 8	RIG UP BIG "4" CEME				Daily Cost	20.70	76,068.00
	PUMPED 40 WATER A	AHEAD OF LEAD = 100 :	SK PREM. 11 PPG \	YIELD 3.82 TAIL = 6	20 SK	Cumulative Total	1,626,121.00	1,117,272.00
NIPP	LE DOWN BOP & CLEA	AN MUD TANKS						
RIG (	DOWN TO SKID TO RB	U 27-18-F2 RIG RELEA	SED @ 24:00 2/26/	2007				

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# DEPI Well Operations Chronology Report

	-18F	API: 430473865800	***	Rpt No.: 17	DOL: 16	DFS: 13	Report Date: 2/20/2	807	
Operator: DOMI	INION EXPLORATION & PRO	DUCTION INC		UWI:					
Rig Name:				Final Surface Location	:				
ent: DRILL		Start Date: 12/13/2006		Spud Dt.: 1/9/2007		Type: DEVELOPMENT			
Supervisor: SCC	OTT SEELY	Engineer:		AFE No.: 0700179		Authorized Days:			
	KB @5,124.0ft (DRILL FLOOR)	Ground Elev.: 5,106.00		WI:		Authorized MD/TVD: /13,	724		
	CURRENT I	EPTH	HOLE SIZE	MUD WEIGHT		LAST	CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
8,650.00	0 8,421.70	0.0(ft)		9.20(ppg)	0	(ft)	(n)	(PPG)	
	FORMATIC	N/TARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING		
	TORBATIC	WIANGET ISSUE				SIZE	MD	TVD	
						n	(ft)	(ft)	
Sally Datally	TRIP OUT TO LOG	·		i			Well Costs (\$)		
wily Detail:	TRIP OUT TO LOG LOGGING WITH SCHL	JMBERGER - PLATFORM E	KPRESS LOGGERS				Actual		
	TRIP IN HOLE TO 8850 CIRC.& COND.					Daily Cost	1	184,727.00	
	LAY DOWN D.P.					Cumulative Total	1,626,121.00	1,041,204.00	
Well: RBU 29	-1 <b>0</b> F	API: 436473688800		Rpt No.: 18	DOL: 17	DFS: 14 Report Dete: 2/27/2007			
Operator: DOMI	INION EXPLORATION & PRO	DUCTION INC		UWI:					
Rig Name:				Final Surface Location	r: 				
Event: DRILL Start Date: 12/13/2006				Spud Dt.: 1/9/2007		Type: DEVELOPMENT			
Supervisor: SCC		Engineer:		AFE No.: 0700179		Authorized Days:			
	KB @5,124.0ft (DRILL FLOOR)	Ground Elev.: 5,106.00		W:		Authorized MD/TVD: /13,			
	CURRENT	EPTH	HOLE SIZE	MUD WEIGHT		LAST	CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)	
8,650.0	00 8,421.70	0.0(ft)		9.30(ppg)	n	(ft)	(ft)	(ppg)	
	FORMATIO	N/TARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING		
						SIZE	MD	TVD	
						C	(ft)	(ft)	
Daily Detail:	LAY DOWN D.P. & BHA						Well Costs (\$)		
	RIG UP WEATHERFOR	D & RAN 211 JTS, 5 1/2" 17:	# M-80 LT&C WITH I	FLOAT SHOE & COI	LAR -		AFE	Actual	
	CIRC. & COND. FOR C	MT. & RIG UP BIG "4" CEME	NTERS			Daily Cost		76,068.00	
	CMT. PUMPED 40 WAT 65/35 "G" 13 PPG YIEL	ER AHEAD OF LEAD = 100	SK PREM. 11 PPG	YIELD 3.82 TAIL = 6	320 SK	Cumulative Total	1,626,121.00	1,117,272.00	
	NIPPLE DOWN BOP &								
	RIG DOWN TO SKID TO	RBU 27-18-F2 RIG RELE	ASED @ 24:00 2/26/		1	l	T		
Nell: RBU 29		API: 430473866900		Rpt No.: 1	DOL:	DFS:	Report Date: 6/19/	2001	
	INION EXPLORATION & PRO	DUCTION INC		UWI:					
Operator: DOM				Final Surface Location	1: 	T COMPLETION			
Operator: DOMI					Type: COMPLETION				
Operator: DOMI Rig Name: Event: COMPLE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Authorized Passas	Authorized Days:		
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE	E DUNCAN	Start Date: \$/18/2007  Engineer: RICHARD HOW  Ground Elev.: \$,108.00		AFE No.: 0700179 Wi:		Authorized Days: Authorized MD/TVD: /13	,724		
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE	E DUNCAN  KB @5,124.0ft (DRILL FLOOR)	Engineer: RICHARD HOW Ground Elev.: 5,106.00		AFE No.: 0700179 WI:		Authorized MD/TVD: /13			
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum:	E DUNCAN  KB @5,124.0f (DRILL FLOOR)  CURRENT	Engineer: RICHARD HOW Ground Elev.: 5,108.00		AFE No.: 0700179	Q17E	Authorized MD/TVD: /13	CASING	LOT/FMW	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE	E DUNCAN  KB @5,124.0f (DRILL FLOOR)  CURRENT	Engineer: RICHARD HOW Ground Elev.: 5,106.00		AFE No.: 0700179 WI:	SIZE	Authorized MD/TVD: /13	CASING	LOT(EMW)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum:	E DUNCAN  KB @5,124.0f (DRILL FLOOR)  CURRENT	Engineer: RICHARD HOW Ground Elev.: 5,108.00		AFE No.: 0700179 WI: MUD WEIGHT	n	Authorized MD/TVD: /13	TVD (ft)	LOT(EMW) (ppg)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum:	E DUNCAN  KB @5,124.0ft (DRILL FLOOR)  CURRENT  ) TVD(ft)	Engineer: RICHARD HOW Ground Elev.: 5,108.00		AFE No.: 0700179 WI:		Authorized MD/TVD: /13  LAST  MD  (ft)	TVD (n) NEXT CASING	(ppg)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum:	E DUNCAN  KB @5,124.0ft (DRILL FLOOR)  CURRENT  ) TVD(ft)	Engineer: RICHARD HOW Ground Elev.: 5,108.00  DEPTH  24 Hr. Progress		AFE No.: 0700179 WI: MUD WEIGHT	n	Authorized MD/TVD: /13  LAST  MD  (ft)  SIZE	TVD (n) NEXT CASING	(ppg)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum:	E DUNCAN  KB @5,124.0ft (DRILL FLOOR)  CURRENT  ) TVD(ft)	Engineer: RICHARD HOW Ground Elev.: 5,108.00  DEPTH  24 Hr. Progress		AFE No.: 0700179 WI: MUD WEIGHT	n	Authorized MD/TVD: /13  LAST  MD  (ft)	TVD (n) NEXT CASING	(ppg)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum: MD(ft)	E DUNCAN  KB @5.124.01 (DRILL FLOOR)  CURRENT  TVD(1)  FORMATION	Engineer: RICHARD HOW Ground Elev.: 5,108.00  DEPTH  24 Hr. Progress	HOLE SIZE	AFE No.: 0700179 WI: MUD WEIGHT	n	Authorized MD/TVD: /13  LAST  MD  (ft)  SIZE	TVD (n) NEXT CASING	(ppg)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum: MD(ft)	E DUNCAN  KB @5.124.01 (DRILL FLOOR)  CURRENT  TVD(1)  FORMATION	Engineer: RICHARD HOW Ground Elev.: 5,108.00 DEPTH  24 Hr. Progress  DN/TARGET NAME	HOLE SIZE	AFE No.: 0700179 WI: MUD WEIGHT	n	Authorized MD/TVD: /13  LAST  MD  (ft)  SIZE	CASING TVD (n)  NEXT CASING MD (n)	(ppg)	
Operator: DOMI Rig Name: Event: COMPLE Supervisor: JOE Active Datum:	E DUNCAN  KB @5.124.01 (DRILL FLOOR)  CURRENT  TVD(1)  FORMATION	Engineer: RICHARD HOW Ground Elev.: 5,108.00 DEPTH  24 Hr. Progress  DN/TARGET NAME	HOLE SIZE	AFE No.: 0700179 WI: MUD WEIGHT	n	Authorized MD/TVD: /13  LAST  MD  (ft)  SIZE	CASING TVD (n)  NEXT CASING MD (n)  Well Costs (\$)	(ppg)  TVD  (ft)	

# DEPI Well Operations Chronology Report

	No. 4			<u> </u>	<u> Statut de G</u>	i taga in the same of the same				
Well: RBU 25-18F API: 436473656600				Rpt No.: 2	DOL:	DF8:	Report Date: 6/20	2007		
Operator: DOMINION EXI	PLORATION & PRODUC	TION INC		UWI:						
Rig Name:				Final Surface Location	:					
Event: COMPLETE Start Date: 5/18/2007			Spud Dt.: 1/9/2007		Type: COMPLETION	Type: COMPLETION				
Supervisor: JOE DUNCAN Engineer: RICHARD HOWE Active Datum: KB @5,124.0ft (DRILL FLOOR) Ground Elev.: 5,108.00		ELL	AFE No.: 0700179		Authorized Days:					
		W:		Authorized MD/TVD: /13,724						
	CURRENT DEP	TH	HOLE SIZE	MUD WEIGHT		LAST	LAST CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)		
					0	(ft)	(ft)	(ppg)		
<u></u>	FORMATION/T	ARGET NAME	•	MD TOP (ft)	TVD TOP (ft)		NEXT CASING			
						SIZE	MD	TVD		
						n	(ft)	(ft)		
	SCHLUMBERGER WI	RELINE AND ACTION H	OT OIL SERVICE.	RUN CBL UNDER 10	00#		Well Costs (\$)			
PSI.							AFE	Actual		
						Daily Cost		825.00		
						Cumulative Total	1,626,121.00	7,776.00		

# DEPI Well Operations Chronology Report Page 1 of 1

Well: RBU 29-18F		API: 430473888800		Rpt No.: 4	DOL:	DFS:	Report Date: 8/23	2007
perator: DOMINION EX	PLORATION & PRODUC	TION INC	· · · · · · · · · · · · · · · · · · ·	UWI:	-		-	
ig Name:				Final Surface Location	:			
vent: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Type: COMPLETION		
upervisor: JOÉ DUNCA	N	Engineer: RICHARD HOW	ELL	AFE No.: 0700179		Authorized Days:		
ctive Datum: KB @5,1	24.0ft (DRILL	Ground Elev.: 5,106.00		Wi:		Authorized MD/TVD: /13,7	724	
,	CURRENT DEP	TH	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
		<u>-</u>				(ft)	(ft)	(ppg)
	TORMATION T	A DOST NAME	<u> </u>	MD TOD (B)	TVD TOP (6)		MEXT CASING	
	FORMATION/T	ARGE! NAME		MD TOP (ft)	TVD TOP (ft)	SIZE	MD MD	TVD
						 O	(ft)	(ft)
				-				
	ORATE AND FRAC ST WELL OVER TO PRO	TG'S #4 THRU #7, OPEN	WELL TO THE TA	NK ON A 12/64 CHO	KE.		Well Costs (\$)	
TORN	WELL OVER TO FRO	DOCTION.				,	AFE	Actual
						Daily Cost	1	314,457.00
						Cumulative Total	1,626,121.00	376,527.00
Vell: IRBU 29-18F		AP1: 430473855800		Rpt No.: 5	DOL:	DFS:	Report Date: 6/23	2007
	PLORATION & PRODUC	<u> </u>		UWI:				
ig Name:		1.6 **		Final Surface Location	 I:			
vent: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Type: COMPLETION	<del>.</del>	*****
upervisor: DALE FISHE	R	Engineer: RICHARD HOWELL		AFE No.: 0700179		Authorized Days:		
Active Datum: KB @5,1		Ground Elev.: 5,106.00		wi:		Authorized MD/TVD: /13,7	724	
FLOOR)		1 5,555						
	CURRENT DEP	TH	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress		]	SIZE	MD	TVD	LOT(EMW)
	<u> </u>				0	(ft)	(ft)	(ppg)
	FORMATION/T	ARGET NAME	-	MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
	101001110101					0.75		
						SIZE	MD	TVD
						(7)	MD (ft)	(ft)
		04 04 04 0 DE	DOVEDED 405 DD	C EDAC ELLID		ļ	(ft)	
aily Detail: OPEN	WELL TO PIT ON 12/	64 CHOKE @ 14:30 REG	COVERED 495 BBL	S FRAC FLUID		ļ	(n) Well Costs (8)	(ff)
Pally Detail: OPEN	WELL TO PIT ON 12/	64 CHOKE @ 14:30 REC	COVERED 495 BBL	S FRAC FLUID		n	(ft)	(ft)
ally Detail: OPEN	WELL TO PIT ON 12/	64 CHOKE @ 14:30 REG	COVERED 495 BBL	S FRAC FLUID		(*) Daily Cost	(ft) Well Costs (\$) AFE	Actual
ally Detail: OPEN	WELL TO PIT ON 12/	64 CHOKE @ 14:30 RE(	COVERED 495 BBL	S FRAC FLUID		n	(n) Well Costs (8)	(ft)
	WELL TO PIT ON 12/	64 CHOKE @ 14:30 REC	COVERED 495 BBL	S FRAC FLUID	DOL:	(*) Daily Cost	(ft) Well Costs (\$) AFE	Actual 0.00 378,527.00
Nell: RBU 29-18F	WELL TO PIT ON 12/	API: 430473855800	COVERED 495 BBL		BOL:	Daily Cost	(R) Well Costs (\$) AFE 1,626,121.00	Actual 0.00 378,527.00
<b>Vell: RBU 29-18F</b> Operator: DOMINION EX		API: 430473855800	COVERED 495 BBL	Rpt No.: 6		Daily Cost	(R) Well Costs (\$) AFE 1,626,121.00	Actual 0.00 378,527.00
Vell: RBU 29-18F Operator: DOMINION EX Ity Name:		API: 430473855800	COVERED 495 BBL	Ryt No.: 6		Daily Cost	(R) Well Costs (\$) AFE 1,626,121.00	Actual 0.00 378,527.00
<b>Vell: RBU 29-18F</b> Operator: DOMINION EX Rig Name: Event: COMPLETE	PLORATION & PRODUC	API: 430473855500 TION INC		Rpt No.: 6 UW: Final Surface Location		Daily Cost Cumulative Total DFS:	(R) Well Costs (\$) AFE 1,626,121.00	Actual 0.00 378,527.00
Nell: RBU 29-18F	(PLORATION & PRODUC R 124.0ft (DRILL	AP1: 430473855800 TION INC Start Date: 5/18/2007	ELL	Rpt No.: 6  UWI: Final Surface Location Spud Dt.: 1/9/2007		Daily Cost Cumulative Total DF8:	(ft) Well Costs (\$) AFE  1,626,121.00  Report Date: \$/24	Actual 0.00 378,527.00
Well: RBU 29-18F Departor: DOMINION EX Rig Name: Event: COMPLETE Supervisor: DALE FISHE Active Datum: KB @5,	(PLORATION & PRODUC R 124.0ft (DRILL	AP1: 430473855000 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	ELL	Rpt No.: 6  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179		Daily Cost Cumulative Total  DF8:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,	(ft) Well Costs (\$) AFE  1,626,121.00  Report Date: \$/24	Actual 0.00 378,527.00
Well: RBU 29-18F Departor: DOMINION EX Rig Name: Event: COMPLETE Supervisor: DALE FISHE Active Datum: KB @5,	(PLORATION & PRODUC R 124.0ft (DRILL	AP1: 430473855000 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	ELL	Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 Wi:		Daily Cost Cumulative Total  DF8:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,	(fi) Well Costs (5) AFE 1,626,121.00 Report Date: \$/24	Actual 0.00 378,527.00
perator: DOMINION EX ig Name: vent: COMPLETE upervisor: DALE FISHE ctive Datum: KB @5, FLOOR)	PLORATION & PRODUCE R [24.0f (DRILL  CURRENT DEP	AP1: 439473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	ELL	Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 Wi:		Deliy Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,	(fi) Well Costs (\$) AFE  1,626,121.00  Report Date: 8/24  CASING	Actual 0.00 376,527.00
Net: RBU 29-18F Deprator: DOMINION EX Rig Name: Event: COMPLETE Supervisor: DALE FISHE votive Datum: KB @5, FLOOR)	PLORATION & PRODUCE R 124.0ft (DRILL CURRENT DEP TVD(ft)	AP1: 436473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	ELL	Rpt No.: 6  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI:  MUD WEIGHT	SiZE (*)	Dally Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,	(R) Well Costs (S) AFE  1,626,121.00  Report Date: 8/24  724  CASING TVD	Actual 0.00 376,527.00
Velt: RBU 29-18F Operator: DOMINION EX tig Name: Event: COMPLETE Supervisor: DALE FISHE (ctive Datum: KB @5, FLOOR)	PLORATION & PRODUCE R 124.0ft (DRILL CURRENT DEP TVD(ft)	AP1: 439473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	ELL	Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 Wi:	SIZE	Dally Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,	(fi)  Well Costs (5)  AFE  1,626,121.00  Report Date: \$/24  CASING  TVD  (fi)	Actual 0.00 376,527.00
perator: DOMINION EX perator: DOMINION EX perator: COMPLETE upervisor: DALE FISHE ctive Datum: KB @5, FLOOR)	PLORATION & PRODUCE R 124.0ft (DRILL CURRENT DEP TVD(ft)	AP1: 436473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	ELL	Rpt No.: 6  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI:  MUD WEIGHT	SiZE (*)	Dally Cost Cumulative Total  DF8:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)	(ft) Well Costs (\$) AFE  1,626,121.00  Report Date: \$/24  CASING TVD (ft)  NEXT CASING	Actual 0.00 376,527.00 /2867
ivelt: RBU 29-18F  Inperator: DOMINION Exiting Name:  Invert: COMPLETE  Insurervisor: DALE FISHE  Intervisor: DALE FISHE  Inte	CURRENT DEP TVD(ft)	API: 439473855890 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	HOLE SIZE	Rpt No.: 6  UW: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI:  MUD WEIGHT  MD TOP (ft)	SiZE (*)	Deliy Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)  SIZE	(R)  Well Costs (S)  AFE  1,826,121.00  Report Date: 8/24  724  CASING  TVD  (R)  NEXT CASING  MD  (R)	(ft)  Actual 0.00 376,527.00  ACTUAL (PPO)  TVD
perator: DOMINION EX perator: DOMINION EX perator: COMPLETE upervisor: DALE FISHE ctive Datum: KB @5, FLOOR)	CURRENT DEP TVD(ft)	AP1: 436473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	HOLE SIZE	Rpt No.: 6  UW: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI:  MUD WEIGHT  MD TOP (ft)	SiZE (*)	Deliy Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)  SIZE	(R)  Well Costs (S)  AFE  1,626,121.00  Report Date: 8/24  724  CASING  TVD  (R)  NEXT CASING  MD  (R)  Well Costs (S)	(ft)  Actual  0.00 376,527.00  2007  LOT(EMW) (ppg)  TVD (ft)
Velt: RBU 29-18F Operator: DOMINION Exiting Name: Event: COMPLETE Supervisor: DALE FISHE (ctive Datum: KB @5, FLOOR)  MD(ft)	CURRENT DEP TVD(ft)	API: 439473855890 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	HOLE SIZE	Rpt No.: 6  UW: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI:  MUD WEIGHT  MD TOP (ft)	SiZE (*)	Deliy Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)  SIZE	(R)  Well Costs (S)  AFE  1,826,121.00  Report Date: 8/24  724  CASING  TVD  (R)  NEXT CASING  MD  (R)	(ft)  Actual 0.00 376,527.00  ACTUAL (PPO)  TVD

## **DEPI Well Operations Chronology Report**



Nell: RBU 29-18F		API: 430473868800		Rpt No.: 6	DOL:	DFS:	Report Date: 6/4/	1907
·	PLORATION & PRODUCT	TION INC		UWI:		1.000		
Rig Name:		r	1499	Final Surface Location	:			
vent: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Type: COMPLETION  Authorized Days:		
upervisor: JOE DUNCA		Engineer: RICHARD HOW	ELL	AFE No.: 0700179		Authorized Days:  Authorized MD/TVD: /13,724		
ctive Datum: KB @5,1 FLOOR)	24.0ft (DRILL	Ground Elev.: 5,106.00		WI: 100%		Authorized MD/1VD: /13,/	24	
	CURRENT DEP	ГН	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
····					0	(ft)	(ft)	(ppg)
	FORMATION/T	ARGET NAME	<u> </u>	MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
	TOTALATION				132 131 (13	SIZE	MD	TVD
						n	(ft)	(ft)
sity Details MIDI	SCHILIMBEDGED DI	H SET CBP @ 5500' KB	POOH ROMO WIR	ELINE PREP TO DE	SILI		Well Costs (\$)	
	PLUGS.	H 3E1 CBF (@ 3300 KB	POOT RONG WIN	ELME, TREE TO DE	VILL.		Well Costs (\$)	Actual
						Dally Cook	A. L	650.00
						Daily Cost	1,626,121.00	377,177.00
					1	Cumulative Total		
Hell: RBU 29-18F		API: 430473856800		Rpt No.: 6	DOL:	DFS:	Report Date: 8/6/	2007
	PLORATION & PRODUC	TION INC		UWI:				±asu.
ig Name:		<del></del>		Final Surface Location	1			
vent: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Type: COMPLETION		
upervisor: JOE DUNCA		Engineer: RICHARD HOW	ELL	AFE No.: 0700179		Authorized Days:		
ctive Datum: KB @5,1 FLOOR)		Ground Elev.: 5,106.00		WI: 100%		Authorized MD/TVD: /13,7		
	CURRENT DEP	тн	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE (")	MD (ft)	TVD (ft)	LOT(EMW)
MD(ft)				MD TOP (W)	(7)		(ft)	
MD(ft)	TVD(#) FORMATION/T			MD TOP (ft)		(ft)		
MD(ft)				MD TOP (h)	(7)	(ft) SIZE	(fi)  NEXT CASING  MD	(ppg)
	FORMATION/T	ARGET NAME			TVD TOP (R)	(ft)	(ft)  NEXT CASING  MD  (ft)	(ppg)
ally Detail: MIRU	FORMATION/T	ARGET NAME		.C VALVE, NU BOPE	TVD TOP (R)	(ft) SIZE	(ft)  NEXT CASING  MD  (ft)  Well Costs (8)	(ppg) TVD (ft)
ally Detail: MIRU RU W BRD T	FORMATION/T RIG AND EQUIPMEN' ORKING FLOOR. RIH BG. SHUT WELL IN W	ARGET NAME	BIT, BRS, AND 173	.C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7#	TVD TOP (R)	(ft) SIZE (')	(ft)  NEXT CASING  MD  (ft)	(ppg) TVD (ff) Actual
ally Detail: MIRU RU W	FORMATION/T RIG AND EQUIPMEN' ORKING FLOOR. RIH BG. SHUT WELL IN W	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH	BIT, BRS, AND 173	.C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7#	TVD TOP (R)	(ft) SIZE (") Daily Cost	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE	(ppg) TVD (ft) Actual 8,658.00
ally Detail: MIRU RU W BRD T	FORMATION/T RIG AND EQUIPMEN' ORKING FLOOR. RIH BG. SHUT WELL IN W	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH	BIT, BRS, AND 173	.C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7#	TVD TOP (R)	(ft) SIZE (')	(ft)  NEXT CASING  MD  (ft)  Well Costs (8)	(ppg) TVD (ff) Actual
ally Detail: MIRU RU W 8RD T MORN	FORMATION/T RIG AND EQUIPMEN' ORKING FLOOR. RIH BG. SHUT WELL IN W	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH	BIT, BRS, AND 173	.C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7#	TVD TOP (R)	(ft) SIZE (") Daily Cost	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
ally Detail: MIRU RU W 8RD T MORN Vell: RBU 29-18F	FORMATION/T RIG AND EQUIPMEN' ORKING FLOOR. RIH BG. SHUT WELL IN W	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE	BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE	TVD TOP (ft)  E, AND L-80	(ft) SIZE (*) Daily Cost Cumulative Total	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
ally Detail: MIRU RU W 8RD T MORN Well: RBU 29-18F	FORMATION/T RIG AND EQUIPMEN ORKING FLOOR. RIH BG. SHUT WELL IN W IING.	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE	BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE Rpt No.: 5	TVD TOP (R)  E, AND L-80	(ft) SIZE (*) Daily Cost Cumulative Total	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
Nally Detail: MIRU RU W 8RD T MORN Well: RBU 29-18F Operator: DOMINION EX	FORMATION/T RIG AND EQUIPMEN ORKING FLOOR. RIH BG. SHUT WELL IN W IING.	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE	BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE RPE No.: 5 UWI:	TVD TOP (R)  E, AND L-80	(ft) SIZE (*) Daily Cost Cumulative Total	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
Vell: RBU 29-18F Deperator: DOMINION EX	FORMATION/T  RIG AND EQUIPMENTORKING FLOOR, RIH  BG. SHUT WELL IN WING.	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 430473855300 TION INC	I BIT, BRS, AND 173 P TO DRILL OUT P	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UW: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179	TVD TOP (R)  E, AND L-80	(ft)  SIZE  (*)  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
Vell: RBU 29-18F Operator: DOMINION EX Sig Name: Event: COMPLETE Supervisor: JOE DUNCA Active Datum: KB @5.	FORMATION/T  RIG AND EQUIPMENTORKING FLOOR RIH  BG. SHUT WELL IN WING.  PLORATION & PRODUCTION  IN 124.08 (DRILL	ARGET NAME  T. BLED PRESSURE OF W/4-3/4" ROCK TOOTH// EOT @ 5425' KB, PRE  API: 430473886800 TION INC  Start Date: 5/18/2007	I BIT, BRS, AND 173 P TO DRILL OUT P	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UW: Final Surface Location Spud Dt.: 1/9/2007	TVD TOP (R)  E, AND L-80	(ft)  SIZE  (*)  Dally Cost  Cumulative Total  DFS:	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
Pally Detail: MIRU RU W 8RD T MORN Well: RBU 29-18F Operator: DOMINION EX Rig Name: Event: COMPLETE Supervisor: JOE DUNCA	FORMATION/T  RIG AND EQUIPMENTORKING FLOOR RIH  BG. SHUT WELL IN WING.  SPLORATION & PRODUCT	ARGET NAME  T. BLED PRESSURE OF W/4-3/4" ROCK TOOTH// EOT @ 5425' KB, PRE  API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	I BIT, BRS, AND 173 P TO DRILL OUT P	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UW: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179	TVD TOP (R)  E, AND L-80	(ft)  SIZE  (*)  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized MD/TVD: /13,7	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
Vell: RBU 29-18F Operator: DOMINION EX Sig Name: Event: COMPLETE Supervisor: JOE DUNCA Active Datum: KB @5.	FORMATION/T  RIG AND EQUIPMENTORKING FLOOR RIH  BG. SHUT WELL IN WING.  PLORATION & PRODUCTION  IN 124.08 (DRILL	ARGET NAME  T. BLED PRESSURE OF W/4-3/4" ROCK TOOTH// EOT @ 5425' KB, PRE  API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	I BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%	TVD TOP (R)  E, AND L-80	(ft)  SIZE  (*)  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized MD/TVD: /13,7	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1.826,121.00  Report Date: 4/4/	(PPQ)  TVD  (ft)  Actual  8,658.00  385,835.00
elly Detail: MIRU RU W BRD T MORN  fell: RBU 29-18F perator: DOMINION EX ig Name: vent: COMPLETE upervisor: JOE DUNCA ctive Datum: KB @5; FLOOR)	FORMATION/T  RIG AND EQUIPMENT ORKING FLOOR. RIH BG. SHUT WELL IN W HING.  EPLORATION & PRODUCE  IN 124.0ft (DRILL)  CURRENT DEP	ARGET NAME  T. BLED PRESSURE OF W/4-3/4" ROCK TOOTH// EOT @ 5425' KB, PRE  API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	I BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%	TVD TOP (ft)  E, AND L-80	(ft)  SIZE  (*)  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/	(ppg)  TVD (ft)  Actual 8,658.00 385,835.00
elly Detail: MIRU RU W BRD T MORN  fell: RBU 29-18F perator: DOMINION EX ig Name: vent: COMPLETE upervisor: JOE DUNCA ctive Datum: KB @5; FLOOR)	FORMATION/T  RIG AND EQUIPMEN ORKING FLOOR. RIH BG. SHUT WELL IN W ING.  SPLORATION & PRODUCT IN 124.0ft (DRILL CURRENT DEP	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 43047385500 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	I BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%  MUD WEIGHT	TVD TOP (R)  E, AND L-80  DOL:  SIZE  ()	(ft)  SIZE  (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,828,121.00  Report Date: \$48/	(ppg)  TVD (ff)  Actual 8,658.00 385,835.00
elly Detail: MIRU RU W BRD T MORN  fell: RBU 29-18F perator: DOMINION EX ig Name: vent: COMPLETE upervisor: JOE DUNCA ctive Datum: KB @5; FLOOR)	FORMATION/T  RIG AND EQUIPMENT ORKING FLOOR. RIH BG. SHUT WELL IN W HING.  EPLORATION & PRODUCE  IN 124.0ft (DRILL)  CURRENT DEP	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 43047385500 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	I BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%	TVD TOP (ft)  E, AND L-80  DOL:	(ft)  SIZE  (')  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7  LAST (  MD  (ft)	(ft)  NEXT CASING  MD (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/  CASING  TVD (ft)  NEXT CASING	(PPG)  TVD  (ft)  Actual  8,658.00  385,835.00  R007
ally Detail: MIRU RU W BRD T MORN  fell: RBU 29-18F perator: DOMINION EX tig Name: vent: COMPLETE upervisor: JOE DUNCA ctive Datum: KB @5; FLOOR)	FORMATION/T  RIG AND EQUIPMEN ORKING FLOOR. RIH BG. SHUT WELL IN W ING.  SPLORATION & PRODUCT IN 124.0ft (DRILL CURRENT DEP	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 43047385500 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	I BIT, BRS, AND 173	C VALVE, NU BOPE 3 JTS OF 2-3/8" 4.7# LUUGS IN THE  Rpt No.: 5  UWI: Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%  MUD WEIGHT	TVD TOP (R)  E, AND L-80  DOL:  SIZE  ()	SIZE  (*)  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7  LAST (  MD  (f)	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/  CASING  TVD  (ft)  NEXT CASING  MD	(ppg)  TVD (ft)  Actual 8,658.00 385,835.00  LOT(EMW) (ppg)
Well: RBU 29-18F Departor: DOMINION EXITY NAME: Event: COMPLETE Event: COMPLET	FORMATION/T  RIG AND EQUIPMENT ORKING FLOOR. RIH BG. SHUT WELL IN W  INING.  (PLORATION & PRODUC)  IN 124.0ft (DRILL)  CURRENT DEP  TVD(ft)	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 430473855900 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,108.00  TH 24 Hr. Progress  ARGET NAME	ELL  HOLE SIZE	Rpt No.: 6 UW: Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 W: 100% MUD WEIGHT MD TOP (ft)	TVD TOP (ft)  E, AND L-80  DOL:  SIZE  ()  TVD TOP (ft)	(ft)  SIZE  (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7  LAST (MD  (ft)	(ft)  NEXT CASING  MD (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/  CASING  TVD (ft)  NEXT CASING	(PPQ)  TVD (ff)  Actual 8,656.00 385,835.00  R007
Well: RBU 20-18F Departor: DOMINION EXITY NAME: Event: COMPLETE Event: COMPLET	FORMATION/T  RIG AND EQUIPMENT ORKING FLOOR. RIH BG. SHUT WELL IN W NING.  EPLORATION & PRODUCT  IN 124.0ft (DRILL  CURRENT DEP  TVD(ft)  FORMATION/T	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 430473855300 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,108.00  TH  24 Hr. Progress  ARGET NAME	ELL  HOLE SIZE	Rpt No.: 6 UW: Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 W: 100% MUD WEIGHT MD TOP (ft)	TVD TOP (ft)  E, AND L-80  DOL:  SIZE  ()  TVD TOP (ft)	(ft)  SIZE  (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7  LAST (MD  (ft)	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,826,121.00  Report Date: 6/6/  CASING  TVD  (ft)  NEXT CASING  MD	(ppg)  TVD (ft)  Actual 8,658.00 385,835.00  LOT(EMW) (ppg)
Well: RBU 29-18F Operator: DOMINION EX Itig Name: Invent: COMPLETE Supervisor: JOE DUNCA (ctive Datum: KB @5, FLOOR)  MD(ft)  Wally Detail: W/C 6810	FORMATION/T  RIG AND EQUIPMEN' ORKING FLOOR, RIH BG. SHUT WELL IN W ING.  PLORATION & PRODUCT  IN  CURRENT DEP  TVD(ft)  FORMATION/T	ARGET NAME  T. BLED PRESSURE OF W/ 4-3/4" ROCK TOOTH // EOT @ 5425' KB, PRE  API: 430473855300 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,108.00  TH  24 Hr. Progress  ARGET NAME	BIT, BRS, AND 173 P TO DRILL OUT P  ELL  HOLE SIZE	Rpt No.: 6 UW: Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 W: 100% MUD WEIGHT MD TOP (ft)	TVD TOP (ft)  E, AND L-80  DOL:  SIZE  ()  TVD TOP (ft)	(ft)  SIZE  (')  Dally Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7  LAST (  MD  (ft)  SIZE  (')	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1.526,121.00  Report Date: 6/6/  TVD  (ft)  NEXT CASING  MD  (ft)	(ppg)  TVD (ft)  Actual 8,658.00 385,835.00  LOT(EMW) (ppg)
Pally Detail: MIRU RU W 8RD T MORN  Nell: RBU 29-18F  Deparator: DOMINION EX Rig Name: Event: COMPLETE  Supervisor: JOE DUNCA Active Datum: KB @5, FLOOR)  MD(ft)  Dally Detail: W/C 6810	FORMATION/T  RIG AND EQUIPMEN' ORKING FLOOR, RIH BG. SHUT WELL IN W ING.  PLORATION & PRODUCT  IN  CURRENT DEP  TVD(ft)  FORMATION/T	ARGET NAME  T. BLED PRESSURE OF W/4-3/4" ROCK TOOTH/EOT @ 5425' KB, PRE  API: 430473855800  TION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress  ARGET NAME	BIT, BRS, AND 173 P TO DRILL OUT P  ELL  HOLE SIZE	Rpt No.: 6 UW: Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 W: 100% MUD WEIGHT MD TOP (ft)	TVD TOP (ft)  E, AND L-80  DOL:  SIZE  ()  TVD TOP (ft)	(ft)  SIZE  (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,7  LAST (MD  (ft)	(ft)  NEXT CASING  MD  (ft)  Well Costs (\$)  AFE  1,828,121.00  Report Date: 8/8/  724  CASING  TVD  (ft)  NEXT CASING  MD  (ft)  Well Costs (\$)	(ppg)  TVD (ff)  Actual 8,858.00 385,835.00  LOT(EMW) (ppg)  TVD (ff)

# DEPI Well Operations Chronology Respond

Neil: 12111 28-185		Well: RBU 25-FSF API: 430473868000				DFS: Report Date: 04/2007		
	XPLORATION & PRODUC	TION INC		UWI: 884'FSL, 1996' F	WL, SEC 18-10S-20E			
ig Name:				Final Surface Location				
Event: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Type: COMPLETION		
Supervisor: JOE DUNC	AN	Engineer: RICHARD HOW	ELL	AFE No.: 0700179		Authorized Days:		
Active Datum: KB @5,124.0ft (DRILL FLOOR) Ground Elev.: 5,106.00			WI: 100%		Authorized MD/TVD: /13,724			
CURRENT DEPTH		тн	HOLE SIZE	MUD WEIGHT		LAST CASING		
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)
**			Ī		0	(ft)	(ħ)	(ppg)
	SORMATION/	TARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
	PORMATION	INIOET INIME				SIZE	MD	TVD
						n	(ft)	(ft)
- It - Details MIDI	L DIC AND EQUIDMEN	T. BLED PRESSURE OF	E OF CSG_ND FRA	AC VALVE NU BOPE	AND		Well Costs (\$)	
Daily Detail: MIRU	KIG AND EQUIPMEN	INNIA 214" POCK TOOTH	HRIT BRS AND 17	3 JTS OF 2-3/8" 4.7#	L-80			
110 1	VORKING FLOOR, RIH	W 4-3/4 KOCK 10011	TEN, ENG, MILE IT			1	AFE	Actual
8RD	TBG. SHUT WELL IN \	N/ EOT @ 5425' KB, PRE	EP TO DRILL OUT F	PLUUGS IN THE		Dally Cost	AFE	8,658.00
8RD	VORKING FLOOR. RIM TBG. SHUT WELL IN \ NING.	N/ EOT @ 5425' KB, PRE	EP TO DRILL OUT F	PLUUGS IN THE		Daily Cost Cumulative Total	1,626,121.00	
8RD MOR	TBG. SHUT WELL IN \	N/ EOT @ 5425' KB, PRE	EP TO DRILL OUT F	PLUUGS IN THE		Cumulative Total	1,628,121.00	8,658.00 385,835.00
8RD MOR Noll: RBU 29-18F	TBG. SHUT WELL IN V NING.	N/ EOT @ 5425' KB, PRE	EP TO DRILL OUT F	Rpt No.: 5	DOL:	Cumulative Total DFS:		8,658.00 385,835.00
8RD MOR Nell: RBU 23-18F Operator: DOMINION E	TBG. SHUT WELL IN \	N/ EOT @ 5425' KB, PRE	EP TO DRILL OUT F	PLUUGS IN THE	<b>DOL:</b> FWL, SEC 18-10S-20	Cumulative Total DFS:	1,628,121.00	8,658.00 385,835.00
8RD MOR Ned: RBU 29-18F Operator: DOMINION E Rig Name:	TBG. SHUT WELL IN V NING.	N/ EOT @ 5425' KB, PRE	EP TO DRILL OUT F	Rpt No.: 5  UW: 884'FSL, 1996' I	<b>DOL:</b> FWL, SEC 18-10S-20	Cumulative Total DFS:	1,628,121.00	8,658.00 385,835.00
8RD MOR Net: RBU 29-18F Operator: DOMINION E Rig Name: Event: COMPLETE	TBG, SHUT WELL IN VINING.	API: 430473655800	EP TO DRILL OUT F	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Location	<b>DOL:</b> FWL, SEC 18-10S-20	Cumulative Total  DFS:	1,628,121.00	8,658.00 385,835.00
8RD MOR Well: RBU 29-18F	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION AS PRO	API: 430473855800 CTION INC  Start Date: 5/18/2007	EP TO DRILL OUT F	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007	<b>DOL:</b> FWL, SEC 18-10S-20	Cumulative Total  DF3:  E  Type: COMPLETION	1,828,121.00 Report Date: \$48/3	8,658.00 385,835.00
8RD MOR  Null: RBU 29-18F  Departor: DOMINION E Rig Name:  Event: COMPLETE  Supervisor: JOE DUNC  Active Datum: KB @f	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION AS PRO	API: 430473865800  CTION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev:: 5,106.00	EP TO DRILL OUT F	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179	<b>DOL:</b> FWL, SEC 18-10S-20	Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13	1,828,121.00 Report Date: \$48/3	8,658.00 385,835.00
8RD MOR  Noti: RBU 29-18F  Departor: DOMINION E Rig Name:  Event: COMPLETE  Supervisor: JOE DUNC  Active Datum: KB @6	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION AND PRODUCTION	API: 430473865800  CTION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev:: 5,106.00	VELL	Rpt No.: 5  UWI: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%	<b>DOL:</b> FWL, SEC 18-10S-20	Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13	1,628,121.00  Report Date: \$46/2	8,658.00 385,835.00
8RD MOR MOR  Nell: RBU 29-18F  Operator: DOMINION E Rig Name: Event: COMPLETE  Supervisor: JOE DUNC Active Datum: KB @ FLOOR	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION AS PRO	API: 430473855800  CTION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev.: 5,106.00	VELL	Rpt No.: 5  UWI: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%	DOL: 	Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13	1,626,121.00  Report Date: \$46/3	8,658.00 385,835.00
8RD MOR MOR  Nell: RBU 29-18F  Operator: DOMINION E Rig Name: Event: COMPLETE  Supervisor: JOE DUNC Active Datum: KB @ FLOOR	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION OF PRODUCTION OF TAXABLE PRODUCTION	API: 430473855800 CTION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev:: 5,106.00	VELL	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Locatior Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%  MUD WEIGHT	DOL: FWL, SEC 18-10S-20I	Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13  LAST	1,626,121.00  Report Date: \$46/3  724  CASING  TVD	8,658.00 385,835.00 <b>887</b>
8RD MOR MOR Nell: RBU 29-18F Operator: DOMINION E Rig Name: Event: COMPLETE Eupervisor: JOE DUNC Active Datum: KB @ FLOOR	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION OF PRODUCTION OF TAXABLE PRODUCTION	API: 430473855800  CTION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev.: 5,106.00	VELL	Rpt No.: 5  UWI: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%	DOL: FWL, SEC 18-10S-200	Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13  LAST	1,628,121.00  Report Date: \$48/2  .724  CASING  TVD  (n)	8,658.00 385,835.00 <b>887</b>
8RD MOR  MOR  RBU 29-18F  perator: DOMINION E  ig Name:  vent: COMPLETE  upervisor: JOE DUNC  ctive Datum: KB @: FLOOR	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION OF PRODUCTION OF TAXABLE PRODUCTION	API: 430473855800 CTION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev:: 5,106.00	VELL	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Locatior Spud Dt.: 1/9/2007  AFE No.: 0700179  WI: 100%  MUD WEIGHT	DOL: FWL, SEC 18-10S-20I	Cumulative Total  DFS:  E  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13  LAST MO (ft)	1,628,121.00  Report Date: \$48/2  .724  CASING  TVD  (n)  NEXT CASING	8,658.00 385,835.00 887 LOT(EMW) (PP9)
8RD MOR MOR Neal: RBU 29-18F Operator: DOMINION E Rig Name: Event: COMPLETE Supervisor: JOE DUNC Active Datum: KB @8 FLOOI	TBG. SHUT WELL IN VINING.  EXPLORATION & PRODUCTION OF PRO	API: 430473055000  ETION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev.: 5,106.00  PTH  24 Hr. Progress	HOLE SIZE	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  W: 100%  MUD WEIGHT  MD TOP (R)	SIZE  (7)  TVD TOP (ft)	Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13  LAST MD (ft)  SIZE	1,626,121.00  Report Date: \$48/3  724  CASING  TVD  (R)  NEXT CASING	8,658.00 385,835.00 3867 LOT(EMW) (ppg)
8RD MOR  Well: RBU 29-18F  Operator: DOMINION E  tig Name:  Event: COMPLETE  Supervisor: JOE DUNC  active Datum: KB @8  FLOO!	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION & PRO	API: 430473855800  CTION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev.: 5,106.00  PTH  24 Hr. Progress  TARGET NAME	HOLE SIZE	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  W: 100%  MUD WEIGHT  MD TOP (R)	SIZE  (7)  TVD TOP (ft)	Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13  LAST MD (ft)  SIZE	1,628,121.00  Report Date: \$46/3  .724  CASING  TVD  (ft)  NEXT CASING  MD  (ft)	8,658.00 385,835.00 3867 LOT(EMW) (ppg)
8RD MOR  Well: RBU 29-18F  Operator: DOMINION E  tig Name:  Event: COMPLETE  Supervisor: JOE DUNC  active Datum: KB @8  FLOO!	TBG. SHUT WELL IN A NING.  EXPLORATION & PRODUCTION & PRO	API: 430473055000  ETION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev:: 5,106.00  PTH  24 Hr. Progress  TARGET NAME	HOLE SIZE	Rpt No.: 5  UW: 884'FSL, 1996' I  Final Surface Location Spud Dt.: 1/9/2007  AFE No.: 0700179  W: 100%  MUD WEIGHT  MD TOP (R)	SIZE  (7)  TVD TOP (ft)	Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13  LAST MD (ft)  SIZE	1,628,121.00  Report Date: \$48/2  .724  CASING  TVD  (R)  NEXT CASING  MD  (ft)  Well Costs (\$)	8,658.00 385,835.00 887 LOT(EMW) (ppg)

### **DEPI Well Operations Chronology Report**

Nell: RBU 20-10F		API: 436473866900		Rpt No.: 6	DOL:	DFS:	Report Date: 6/7/2	967
perator: DOMINION EXP	PLORATION & PRODUCT	TION INC		UWI: 884'FSL, 1996' F	WL, SEC 18-10S-20E			
Rig Name:				Final Surface Location				
vent: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007		Type: COMPLETION		-
Supervisor: JOE DUNCAN	٠	Engineer: RICHARD HOW	ELL.	AFE No.: 0700179		Authorized Days:		
Active Datum: KB @5,12 FLOOR)		Ground Elev.: 5,106.00		WI: 100%		Authorized MD/TVD: /13,7	24	,
	CURRENT DEP	ГН	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress	-		SIZE	MD	TVD	LOT(EMW)
			•		n	(ft)	(ft)	(ppg)
	FORMATION/T	APGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
	/ OKMATION I	AITOETTOTALE				SIZE	MD	TVD
						n	(ft)	(ft)
Daily Detail: 0# SI	ITP 1250# SICP RIH	W/ 64 JTS TBG. RU PO	WER SWIVEL. D/O	CBP.S Ø2 7960 & 84	30'.		Well Costs (\$)	
RIH 8	C/O TO 8627'. CIRC	CLEAN. RD SWIVEL.					AFE	Actual
P/O B	BIT SUB TOP.) ND BC				•	Daily Cost		43,400.00
RU S	SWAB EQUIP. IFL @	700'. MADE 1 RUN & RE	COVERED 8 BBLS	WTR, KO WELL.		Cumulative Total	1,626,121.00	436,685.00
	W TO PIT ON 18/64 C	HOKE W/ 800# ON TBG	a 1200# UN CSG.	1	Inc.	<del></del>		007
Neit: RBU 29-18F		API: 430473655909		Rpt No.: 7	DOL:	DF8:	Report Date: 6/7/2	
·	PLORATION & PRODUC	TION INC		Final Surface Location				
Rig Name:		C1-4 D-11- 6/40/2007		Spud Dt.: 1/9/2007		Type: COMPLETION	400	
Event: COMPLETE		Start Date: 5/18/2007		AFE No.: 0700179	*****	Authorized Days:		
Supervisor: DALE FISHE Active Datum: KB @5,1	24.0ft (DRILL	Engineer: RICHARD HOW Ground Elev.: 5,108.00		WI: 100%		Authorized MD/TVD: /13,7	724	
FLOOR)		<u> </u>	HOLE SIZE	MUD WEIGHT		LAST	CASING	
MD(ft)	TVD(ft)	24 Hr. Progress	NOLE SIZE	MOD WEIGHT	SIZE	MD	TVD	LOT(EMW)
MO(II)	TVD(II)	24 ( II. ) Tograda	ļ		J			
			İ			(ft)	(ft)	(ppg)
		<u> </u>			0	(ft)	(ft)	(ppg)
	FORMATION/T	ARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING	
	FORMATION/T	ARGET NAME		MD TOP (ft)		SIZE	NEXT CASING	TVD
				.,	TVD TOP (ft)		MEXT CASING MD (n)	
	FLOWING TO PIT @	14:00 ON 18/64 CHOKE	FTP 900 SICP 1140	.,	TVD TOP (ft)	SIZE	MEXT CASING MD (ft) Well Costs (5)	TVD (ft)
		14:00 ON 18/64 CHOKE	FTP 900 SICP 1140	.,	TVD TOP (ft)	SIZE (*)	MEXT CASING MD (n)	TVD (ft)
	FLOWING TO PIT @	14:00 ON 18/64 CHOKE	FTP 900 SICP 1140	.,	TVD TOP (ft)	SIZE (*)  Daily Cost	MEXT CASING MD (n) Well Costs (\$) AFE	TVD (R) Actual 0.00
	FLOWING TO PIT @	14:00 ON 18/64 CHOKE	FTP 900 SICP 1140	.,	TVD TOP (ft)	SIZE (*)	MEXT CASING MD (ft) Well Costs (5)	TVD (ft)
EST C	FLOWING TO PIT @	14:00 ON 18/64 CHOKE	FTP 900 SICP 1140	.,	TVD TOP (ft)	SIZE (*)  Daily Cost	MEXT CASING MD (n) Well Costs (\$) AFE	TVD (R)  Actual 0.00 436,685.00
EST C Well: RBU 29-18F	FLOWING TO PIT @	14:00 ON 18/64 CHOKE OKE API: 430473888880	FTP 900 SICP 1140	D RECOVERED 490	TVD TOP (ft)  BBLS  DOL:	SIZE (*)  Daily Cost Cumulative Total	MEXT CASING  MD (ft)  Well Costs (\$)  AFE  1,626,121.00	TVD (R)  Actual 0.00 436,685.00
EST C Well: RBU 29-18F Operator: DOMINION EX	FLOWING TO PIT @ HANGE TO 24/64 CH	14:00 ON 18/64 CHOKE OKE API: 430473888880	FTP 900 SICP 1140	Rpt No.: 8  UWI: 884/FSL, 1996' I	TVD TOP (ft)  BBLS  DOL:  FWL, SEC 18-10S-20E	SIZE (*)  Daily Cost  Cumulative Total	MEXT CASING  MD (ft)  Well Costs (\$)  AFE  1,626,121.00	TVD (R)  Actual 0.00 436,685.00
Well: RBU 29-18F Operator: DOMINION EX	FLOWING TO PIT @ HANGE TO 24/64 CH	14:00 ON 18/64 CHOKE OKE API: 430473888880	FTP 900 SICP 1140	Rpt No.: 8 UW: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007	TVD TOP (ft)  BBLS  DOL:  FWL, SEC 18-10S-20E	SIZE (*)  Daily Cost  Cumulative Total  DF8:	MEXT CASING  MD (ft)  Well Costs (\$)  AFE  1,626,121.00	TVD (R)  Actual 0.00 436,685.00
EST C  Well: RBU 29-18F  Operator: DOMINION EX  Rig Name:  Event: COMPLETE	FLOWING TO PIT @ HANGE TO 24/64 CHI	14:00 ON 18/64 CHOKE OKE API: 430473888800 TION INC		Rpt No.: 8  UWI: 884/FSL, 1996' I	TVD TOP (ft)  BBLS  DOL:  FWL, SEC 18-10S-20E	SIZE (*)  Daily Cost  Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:	NEXT CASING MD (n) Well Costs (\$) AFE 1.626,121.00 Report Date: \$/18	TVD (R)  Actual 0.00 436,685.00
EST C  Well: RBU 29-18F  Operator: DOMINION EX  Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE	FLOWING TO PIT @ HANGE TO 24/64 CHI PLORATION & PRODUC	14:00 ON 18/64 CHOKE OKE  API: 430473888800 TION INC  Start Date: 5/18/2007	ELL	Rpt No.: 8 UW: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007	TVD TOP (ft)  BBLS  DOL:  FWL, SEC 18-10S-20E	SIZE (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,	NEXT CASING MD (n) Well Costs (\$) AFE  1,626,121.00 Report Date: \$/18	TVD (ft)  Actual 0.00 436,685.00
Well: RBU 29-18F Operator: DOMINION EX Rig Name: Event: COMPLETE Supervisor: DALE FISHE Active Datum: KB @5,	FLOWING TO PIT @ HANGE TO 24/64 CHI PLORATION & PRODUC	14:00 ON 18/64 CHOKE  API: 430473855500  TION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev:: 5,106.00	ELL	Rpt No.: \$ UW: 884'FSL, 1996' I Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179	TVD TOP (ft)  BBLS  DOL:  FWL, SEC 18-10S-20E	SIZE (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,	NEXT CASING MD (n) Well Costs (\$) AFE 1.626,121.00 Report Date: \$/18	TVD (ft)  Actual 0.00 436,685.00
Mes: RBU 29-18F Operator: DOMINION EX Rig Name: Event: COMPLETE Supervisor: DALE FISHE Active Datum: KB @5,	FLOWING TO PIT @ HANGE TO 24/64 CHI PLORATION & PRODUC	14:00 ON 18/64 CHOKE  API: 430473855500  TION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev:: 5,106.00	ELL	Rpt No.: \$ UWI: 884'FSL, 1996' I Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100%	TVD TOP (ft)  BBLS  DOL:  FWL, SEC 18-10S-20E	SIZE (*)  Daily Cost  Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,	NEXT CASING MD (n) Well Costs (\$) AFE  1,626,121.00 Report Date: \$/18	TVD (ft)  Actual 0.00 436,685.00
EST C  Net: RBU 29-18F  Deprator: DOMINION EX  Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE  Active Datum: KB @5,  FLOOR)	FLOWING TO PIT @ HANGE TO 24/64 CH PLORATION & PRODUC R 124.01 (DRILL CURRENT DEP	14:00 ON 18/64 CHOKE  OKE  API: 430473866800  TION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev.: 5,106.00	ELL	Rpt No.: \$ UWI: 884'FSL, 1996' I Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100%	DOL:	SIZE (*)  Daily Cost  Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,	NEXT CASING MD (n) Well Costs (\$) AFE  1,626,121.00 Report Date: 4/18	TVD (ft)  Actual 0.00 436,685.00
EST C  Net: RBU 29-18F  Operator: DOMINION EX  Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE  Active Datum: KB @5,  FLOOR)	FLOWING TO PIT @ HANGE TO 24/64 CHI PLORATION & PRODUC  R 124.0ft (DRILL  CURRENT DEP  TVD(ft)	API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	ELL	Rpt No.: \$ UWI: 884'FSL, 1996' I Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100%	BBLS  BOL:  FWL, SEC 18-10S-20E	SIZE (*)  Delity Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST	NEXT CASING  MD (ft)  Well Costs (\$)  AFE  1,626,121.00  Report Date: \$/18  724  CASING  TVD	TVD (ft)  Actual 0.00 436,685.00 12067
EST C  Net: RBU 29-18F  Deprator: DOMINION EX  Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE  Active Datum: KB @5,  FLOOR)	FLOWING TO PIT @ HANGE TO 24/64 CHI PLORATION & PRODUC  R 124.0ft (DRILL  CURRENT DEP  TVD(ft)	14:00 ON 18/64 CHOKE  OKE  API: 430473866800  TION INC  Start Date: 5/18/2007  Engineer: RICHARD HOW  Ground Elev.: 5,106.00	ELL	Rpt No.: \$ UW: 884'FSL, 1996' I Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEKSHT	DOL:  SIZE  (')	SIZE (*)  Delity Cost Cumulative Total  DFS:  Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST	NEXT CASING MD (n) Well Costs (\$) AFE  1,626,121.00 Report Date: 6/18  724  CASING TVD (n)	TVD (ft)  Actual 0.00 436,685.00
EST C  Net: RBU 29-18F  Deprator: DOMINION EX  Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE  Active Datum: KB @5,  FLOOR)	FLOWING TO PIT @ HANGE TO 24/64 CHI PLORATION & PRODUC  R 124.0ft (DRILL  CURRENT DEP  TVD(ft)	API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	ELL	Rpt No.: \$ UW: 884'FSL, 1996' I Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEKSHT	DOL:  SIZE  (')	SIZE (*)  Daily Cost  Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,  LAST  MD  (ft)	NEXT CASING MD (n) Well Costs (\$) AFE  1,626,121.00 Report Date: \$/18  724  CASING TVD (n) NEXT CASING	TVD (ft)  Actual 0.00 436,685.00  /2007
Well: RBU 29-18F  Operator: DOMINION EX Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE  Active Datum: KB @5, FLOOR)  MD(ft)	FLOWING TO PIT @ HANGE TO 24/64 CH PLORATION & PRODUC  R 124.0ft (DRILL  CURRENT DEP  TVD(ft)	API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev:: 5,108.00 TH 24 Hr. Progress	HOLE SIZE	Rpt No.: 8 UWI: 884/FSL, 1998'1 Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEIGHT MD TOP (ft)	DOL:  SIZE  TVD TOP (ft)	SIZE (*)  Daily Cost  Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,  LAST  MD (ft)	NEXT CASING  MD (n)  Well Costs (\$)  AFE  1,626,121.00  Report Date: 6/18  724  CASING  TVD (n)  NEXT CASING  MD (n)	TVD (R)  Actual 0.00 436,685.00 /2067  LOT(EMW) (PPQ)
Well: RBU 29-18F  Operator: DOMINION EX Rig Name:  Event: COMPLETE  Supervisor: DALE FISHE  Active Datum: KB @5, FLOOR)  MD(ft)	FLOWING TO PIT @ HANGE TO 24/64 CH PLORATION & PRODUC  R 124.01 (DRILL  CURRENT DEP  TVD(1)  FORMATION/1	API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	HOLE SIZE	Rpt No.: 8 UWI: 884/FSL, 1998'1 Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEIGHT MD TOP (ft)	DOL:  SIZE  TVD TOP (ft)	SIZE (*)  Daily Cost  Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,  LAST  MD (ft)	NEXT CASING MD (n) Well Costs (\$) AFE  1,626,121.00 Report Date: \$/18  724  CASING TVD (n) NEXT CASING MD	TVD (R)  Actual 0.00 436,685.00  /2047  LOT(EMW) (PPQ)
Wed: RBU 29-18F Operator: DOMINION EX Rig Name: Event: COMPLETE Supervisor: DALE FISHE Active Datum: KB @5, FLOOR) MD(ft)  Daily Detail: WELL	FLOWING TO PIT @ HANGE TO 24/64 CH PLORATION & PRODUC  R 124.01 (DRILL  CURRENT DEP  TVD(1)  FORMATION/1	API: 430473855800 TION INC  Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev:: 5,108.00 TH 24 Hr. Progress	HOLE SIZE	Rpt No.: 8 UWI: 884/FSL, 1998'1 Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEIGHT MD TOP (ft)	DOL:  SIZE  TVD TOP (ft)	SIZE (*)  Daily Cost  Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,  LAST  MD (ft)	NEXT CASING  MD  (n)  Well Costs (\$)  AFE  1,626,121.00  Report Date: 6/18  724  CASING  TVD  (n)  NEXT CASING  (n)  Well Costs (\$)	TVD (R)  Actual 0.00 436,685.00  /2007  LOT(EMW) (PPg)  TVD (ft)

#### **DEPI Well Operations Chronology Report**

Neil: RBU 29-18F		AP1: 430473656000		Rpt No.: 0	DOL:	OFS:	Report Date: 6/19	/2007		
Operator: DOMINION E	XPLORATION & PRODUC	TION INC		UWI: 884'FSL, 1996' FWL, SEC 18-10S-20E						
tig Name:				Final Surface Location	ı:					
Event: COMPLETE		Start Date: 5/18/2007		Spud Dt.: 1/9/2007						
Supervisor: DALE FISHE	ER	Engineer: RICHARD HOW	WELL	AFE No.: 0700179		Authorized Days:				
ctive Datum: KB @5, FLOOR		Ground Elev.: 5,106.00	0	WI: 100%		Authorized MD/TVD: /13,	724			
	CURRENT DEP	тн	HOLE SIZE	MUD WEIGHT		LAST	CASING			
MD(ft)	TVD(ft)	24 Hr. Progress			SIZE	MD	TVD	LOT(EMW)		
			1		0	(ft)	(ft)	(ppg)		
	FORMATION/I	ARGET NAME		MD TOP (ft)	TVD TOP (ft)		NEXT CASING			
······································						SIZE	MD	TVD		
						n	(ft)	(ft)		
ally Detail: WELL	L ON PROD ON 12/64	CHOKE 1142 MCF 1200	FTP 1551 SICP 77	SLP 12 OIL 227 WTF	}		Well Costs (\$)			
•							AFE	Actual		
						Daily Cost		0.00		
						Daily Cost  Cumulative Total	1,626,121.00	0.00 436,685.00		
Nell: RBU 29-18F		API: 4394738658000		Rpt No.: 10	DOL:	ļ	1,626,121.00 Report Date: 6/20	436,685.00		
	EXPLORATION & PRODUC			<b>Rpt No.: 18</b> UWI: 884'FSL, 1996' F		Cumulative Total  DF8:		436,685.00		
perator: DOMINION E	EXPLORATION & PRODUC			+	WL, SEC 18-10S-208	Cumulative Total  DF8:		436,685.00		
Operator: DOMINION E	EXPLORATION & PRODUC			UWI: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007	WL, SEC 18-10S-208	Cumulative Total  DF8:		436,685.00		
Operator: DOMINION Extig Name:		TION INC	VELL	UWI: 884'FSL, 1996' F Final Surface Location	WL, SEC 18-10S-208	Cumulative Total  DF8:  Type: COMPLETION  Authorized Days:	Report Date: 9/26	436,685.00		
Operator: DOMINION E. Rig Name: Event: COMPLETE Supervisor: DALE FISHI	IER ,124.0ħ (DRILL	Start Date: 5/18/2007		UWI: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007	WL, SEC 18-10S-208	Cumulative Total  DF8:  Type: COMPLETION	Report Date: 9/26	436,685.00		
Operator: DOMINION E.  Rig Name:  Event: COMPLETE  Supervisor: DALE FISHI  Active Datum: KB @5,	IER ,124.0ħ (DRILL	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00		UWI: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179	WL, SEC 18-10S-208	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13	Report Date: 9/26	436,685.00		
Operator: DOMINION E. Rig Name: Event: COMPLETE Supervisor: DALE FISHI	IER ,124.0ft (DRILL R)	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	0	UWI: 884°FSL, 1996°F Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100%	WL, SEC 18-10S-208	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13	Report Date: 9/24	436,685.00		
Rig Name: Event: COMPLETE Supervisor: DALE FISHI Active Datum: KB @5, FLOOR	IER i,124.0ft (DRILL R) CURRENT DEP	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	0	UWI: 884°FSL, 1996°F Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100%	WM., SEC 18-10S-208	Cumulative Total  DFS:  Type: COMPLETION  Authorized Days:  Authorized MD/TVD: /13,	Report Date: 9/26	438,685.00		
Operator: DOMINION E: Rig Name: Event: COMPLETE Supervisor: DALE FISHI Active Datum: KB @5, FLOOR	(124.0ft (DRILL X) CURRENT DEP	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	0	UWI: 884°FSL, 1996°F Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100%	SIZE	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13, LAST	Report Date: 6/26	436,885.00 12967 LOT(EMW)		
Operator: DOMINION E: Rig Name: Event: COMPLETE Supervisor: DALE FISHI Active Datum: KB @5, FLOOR	(124.0ft (DRILL X) CURRENT DEP	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00	0	UWI: 884°FSL, 1996°F Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEKSHT	SIZE	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13, LAST	724  CASING  TVD  (R)	436,885.00 12967 LOT(EMW)		
perstor: DOMINION E: ig Name: vent: COMPLETE upervisor: DALE FISHI ctive Datum: KB @5, FLOOR	(124.0ft (DRILL X) CURRENT DEP	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	0	UWI: 884°FSL, 1996°F Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEKSHT	SIZE	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13, LAST MD (ft)	724  CASING  TVD  (n)  NEXT CASING	438,885.00 /2007 LOT(EMW) (ppg)		
perator: DOMINION E.  lig Name: vent: COMPLETE upervisor: DALE FISHI ctive Datum: KB @5, FLOOR MD(ft)	CURRENT DEP TVD(ft) FORMATION/	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev.: 5,106.00  TH  24 Hr. Progress	HOLE SIZE	UW: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEIGHT MD TOP (ft)	SIZE (*)  TVD TOP (**)	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)	724  CASING  TVD  (n)  NEXT CASING  MD  (n)	438,885.00  /2007  LOT(EMW)  (ppg)		
operator: DOMINION E.  Idg Name:  vent: COMPLETE  upervisor: DALE FISHI  ctive Datum: KB @5, FLOOR  MD(†)	CURRENT DEP TVD(ft) FORMATION/	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev: 5,106.00  TH  24 Hr. Progress	HOLE SIZE	UW: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEIGHT MD TOP (ft)	SIZE (*)  TVD TOP (**)	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)	Report Date: 9/26	438,885.00  /2007  LOT(EMW)  (ppg)		
operator: DOMINION E: tig Name: Event: COMPLETE supervisor: DALE FISHI Active Datum: KB @5, FLOOR MD(n)	CURRENT DEP TVD(ft) FORMATION/	Start Date: 5/18/2007 Engineer: RICHARD HOW Ground Elev: 5,106.00  TH  24 Hr. Progress	HOLE SIZE	UW: 884'FSL, 1996' Final Surface Location Spud Dt.: 1/9/2007 AFE No.: 0700179 WI: 100% MUD WEIGHT MD TOP (ft)	SIZE (*)  TVD TOP (**)	Type: COMPLETION Authorized Days: Authorized MD/TVD: /13,  LAST MD (ft)	724  CASING  TVD  (n)  NEXT CASING  MD  (n)  Well Costs (\$)	438,685.00  /2007  LOT(EMW) (ppg)  TVD (ft)		

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT



FORM APPROVED OMB No. 1004-0135

	Expires.	November	<i>3</i> 0,
Lease Serial	No.		

SUNDRY NOTICES	AND REPORTS ON WELLS	
Do not use this form for	proposals to drill or to re enter or	

Lease Serial No.	
U-013793	
6. If Indian, Allottee or Tribe Name	

Do not use this form for proposals to drill or to re-enter an		6. If Indian, Allottee or Tribe Name
abandoned well. Use Form 3160-3 (APD) for such proposals		
SON SON TON TRADUCADA CORra Instinctions on resperse sub-	for any	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well		River Bend Unit
Oil Well X Gas Well Other		8. Well Name and No.
2. Name of Operator		RBU 29-18F
Dominion Exploration & Production, Inc.		9. API Well No.
3a. Address 3b. Phone No. (incl	ude area code)	43-047-38558
14000 Quail Springs Pkwy, Ste 600, OKC, OK 73134 (405) 749-52	237	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)		Natural Buttes
SHL: 884' FSL & 1996' FWL, SW SW, Sec. 18-10S-20E		11. County or Parish, State
BHL: 150' FSL & 1200' FWL, SW SW, Sec. 18-10S-20E		Uintah, UT
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF	NOTICE, REPO	ORT OR OTHER DATA
TYPE OF SUBMISSION TYPE	E OF ACTION	
Notice of Intent Acidize Deepen	Production (S	tart/Resume) Water Shut-Off
Altering Casing Fracture Treat	Reclamation	Well Integrity
X Subsequent Report Casing Repair New Construction	Recomplete	X Other
Change Plans Plug and Abandon	Temporarily A	bandon First Sales
Final Abandonment Notice Convert to Injection Plug Back	Water Disposa	al
Describe Proposed or Completed Operation (clearly state all pertinent details, including estimal if the proposal is to deepen directionally or recomplete horizontally, give subsurface location: Attach the Bond under which the work will be performed or provide the Bond No. on file with following completion of the involved operations. If the operation results in a multiple completitesting has been completed. Final Abandonment Notices shall be filed only after all require determined that the site is ready for final inspection.)	s and measured and h BLM/BIA. Requi ion or recompletion	d true vertical depths of all pertinent markers and zones. ired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once
5/21/07 - Perf & Frac		
5/22/07 - Perf & Frac		
6/17/07 - First Sales		RECEIVED
		JUN 2 2 2007
		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct	<del></del>	
Name (Printed/Typed)		Dagulatan, Charlet
Barbara Lester Signature	Title	Regulatory Specialist
TAIL THAT Y COUNTY	Date	6/19/2007
ESPECIAL PROPERTY OF THE PROPE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-4 (August 1999)

OPERCHGUNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WELL COMPLETION OR RECOMPLETION REPORT

FORM APPROVED OMB NO. 1004-0137

Expires November 30, 2000

5. Lease Serial No.

U-013793

1a. Type of	Jan Barre	Oil Well X	Control 2015	Dry	Other	г				6. If Indian, Allo	ottee or Tril	be Name
b. Type of	Completion:	X New We	ell Wor	k Over		Deepen		iff.Resvr.				
		Other					**************************************			7. Unit or CA A	greement	Name and No.
- <u>-</u>										Ri	ver Ben	d Unit
2. Name o	•									8. Lease Name	and Well	No.
	nion Explora	tion & Prod	uction, Inc.								RBU 29	9-18F
3. Address							3a	. Phone No. (include	e area code)	9. API Well No.		
140	000 Quail Sp	rings Parkv	vay - Ste. 60	00 - Okla	. City	, OK 73°	134	405-749-1	300	4	3-047-38	8558
4. Location	n of Well (Repor	t location clear	ly and in accord	lance with F	ederal	l requireme	ents)*	RECEIVE	רב	10. Field and Por	ol, or Explo	oratory
At surfa	ce 88	A'FSL & 10	996' FWL, S	14/ 614/				ILCLIVE	יט	Natural Bu		•
At top p	rod. Interval rep		JOO I VVL, G	VV 3VV				AUG 0 8 200	לו	11. Sec., T., R., M		and
лг юр р								A00 0 0 200	31	Survey or Are		18-10S-20E
At total of	tenth II	8 FS1	1188 f	١٧			Du/	0500 0400		12. County or Pa		13. State
<del></del>		0' FSL & 12	<del>'00' FWL,</del> S'	W SW			DIV.	OF OIL, GAS & I	MINING	Uintah		UT
14. Date Sp	udded	15. Date 1	I.D. Reached		16. Da	ate Comple		****		17. Elevations (D	F, RKB, R	
1/09/2	2007		2/24/2007				X			· ·		,
		20.00				D&		leady to prod. 6	/17/2007		5106' G	iL
18. Total De	•	8850'	19. Plug Baci		MD	878		20. Depth Brid	ge Plug Set:	MD		
	TVD	8618'			TVD	855	53'			TVD		
	ectric & Other Me							22. Was well cored	2 X No	Yes	(Submit	t analysis)
P	latform Expr	ess, Litho [	Density/Com	pensate	d Nei	utron		Was DST run?	ΧNο	Yes		, ,
	High Resolu							Directional Sun	+240000		(Submit	. ,
	nd Liner Record					3		Directional Sur		No [X	Yes (S	Submit copy)
Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom	(MD)	Stage C	Cementer	No. of Sks &	Slurry Vol.	I .		
17 1/2"				_L	(IVID)	De	epth	Type of Cement	(BBL)	Cement Top*	A	Amount Pulled
		48# 36#	Surface	522'		<u> </u>		500 Sx		Surface		
		30# 17#	Surface Surface	3,631		<b></b>		750 Sx		Surface		
24. Tubing R		1177	Touriace	8,834		<u> </u>		720 Sx		Est. TOC 2,90	10'	
Size	Depth Set (M	1D) Pack	er Depth (MD)	Siz	e	Depth S	Set (MD)	Packer Depth (MI	D) Size	Depth Set(N	AD) I D	notice Denth (MD)
	3,480'								7 0.20	Depair Sein	10) F	acker Depth (MD)
25. Producing						26. Perfo	ration Rec	ord		- <u> </u>		
A) F	ormation		Тор	Botto	om	<u> </u>	Perforate	d Interval	Size	No. Holes	Perf.	Status
B)						Ĺ						
C)				<del></del>								
D)			See At	tachmen	t	<del></del>				<u>.                                 </u>		
E)			30071	tacimicii								
F)						***						
	ture, Treatment	, Cement Sque	eze, Etc.									
	epth Interval							Amount and Type of	of Material			
	-	See Attachm	nent									
												<del>_</del>
Data										· · · · · · · · · · · · · · · · · · ·		_
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas		Water	Oil Gravity	Gas	Production Metho	d	<del></del>
	1	i	FIGUREION	ł	MCF		BBL	Corr API	Gravity			
6/17/2007 Choke	7/30/2007 Tbg Press.	Csg. 24	24 Hr.	0		952	23				Flowing	g
Size	Flwg.	Press	Rate	Oil BBL	Gas MCF		Water BBL	Gas:Oil Ratio	Well Status			
26	si 179	508	-	0		952				<b>.</b>		
28a. Produc	ction - Interval B				<u> </u>	332	23			Produ	cing	
Date First	Test	Hours	Test	Oil	Gas		Water	Oil Gravity	Gas	Production Method	d	
Produced	Date	Tested	Production	BBL	MCF		BBL	Corr API	Gravity	l	-	
(6	<u></u>			<u></u>	L		1					
(See instruction	ns and spaces fo	or additional da	ta on reverse si	de)								

28b Produ	uction - Interval C	Hours	Test	Oil ;	Gas	Water	[Oil	Gravity	Gas	Production Meth	od •
Produced	Date	Tested	Production	BBL	MCF	BBL		r API	Gravity		
Choke	Tbg Press	Csg	24 Hr	Oil	Gas	Water	Gas	s Oil	Well Status		
Size	Flwg SI	Press	Rate	BBL	MCF	BBL	Rat				
28c. Prode	luction - Interval D			·							
Date First	Test	Hours	Test	Oil	Gas	Water		Gravity	Gas Gravity	Production Meth	nod
Produced	Date	Tested	Production —	BBL	MCF	BBL		r API			
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Rat	s. Oil 10	Well Status		
29. Dispostio	on of Gas (Sold,	used for fuel, ve	ented, etc.)	•					•		
20 Summar	ry of Porous Zone	es (Include Aqui	ifers\	-				31 Form	ation (Log) Mark	ers	
Show all	I important zones cluding depth inte	of porosity and	contents there								
Forma	ation	Тор	Bottom	T	Descritnion	Contents, etc.			Name		Тор
1 011116	ation	100		ļ							Meas. Depth
	1								ch Tongue		4348'
								Wasat	d Limestone		4708' 4864'
	[			į					acıı a Wells		5765'
	l	1							d Buttes		6930'
											7894'
				1				Mesav	erae		7094
				1							
				1							
								1			
	İ			1							
		ł		1				l			
								<u> </u>			
32. Additiona	al remarks (inclu	de plugging pro	cedure)								
										<del></del>	
33. Circle en	nclosed attachme	ints:									
1. Elec	trical/Mechanical	Logs (1 full set	req'd)	2. (	Geologic Repo	rt 3.	DST Re	eport	4. Directiona	al Survey	
	dry Notice for plu	aging and come	nt varification	e (	Core Analysis	7	Other:				
5. Sunc	ary Notice for plu	gging and ceme	ent verification	b. V	Joie Analysis		Other.				
34. I hereby	certify that the fo	regoing and atta	ached information	on is comp	lete and correc	ct as determined	from all	available r	ecords (see attac	ched instructions)	)*
Name (p	olease print) _	Carla Ch	ristian		<u> </u>		Title	Sup	ervisor, Regu	ulatory Repor	ts
Signature	e <u>(                                   </u>	rla	Um	iste	<b>&gt;</b>		Date	Aug	ust 6, 2007		
					-						
Title 18 U.S.6 any false, fict	C. Section 1001 titious or fraduler	and Title 43 U.S	S.C. Section 121 representations	12, make it s as to any	a crime for an matter within i	y person knowin	igly and v	villfully to r	nake to any depa	irtment or agency	y of the United States

#### RBU 29-18F Perforation's & Frac's

Interval #1 Mesaverde 8483 - 94

8505 – 26 66 holes

Frac w/53,440# 20/40 Tempered LC sd., w/309.7 mscf of N2 and 794 bbls of YF12OST.

**Interval #2** Mesaverde 8336 – 61 76 holes

Frac w/48,602# 20/40 Tempered LC sd., w/242.5 mscf of N2 and 589 bbls of YF120ST

**Interval #3** Wasatch 7780 – 88

7792 - 94

7826 - 36 63 holes

Frac w/70,706# 20/40 Ottawa sd., w/238.2 mscf of N2 and 581 bbls of YF120ST

**Interval #4** Wasatch 7310 – 20

7383 – 86 51 holes

Frac w/65,880# 20/40 Ottawa sd., w/214.1 mscf of N2 and 535 bbls of YF115ST

Interval #5 Wasatch 6691 - 00 55 holes

Frac w/35,561# 20/40 Ottawa sd., w/124.4 mscf of N2 and 376 bbls of YF115ST

**Interval #6** Wasatch 5958 – 68

6076 - 86

6168 - 72 61 holes

Frac w/81,638# 20/40 Ottawa sd., w/244.5 mscf of N2 and 597 bbls of YF115ST

Interval #7 Wasatch 5651-60 55 holes

Frac w/31,214# 20/40 Ottawa sd., w/138.7 mscf of N2 and 337 bbls of YF115ST



## Dominion Exploration & Production Natural Buttes Field Uintah County, Utah

**RBU 29-18F** 

**Section 18, T10S, R20E** 

**FINAL WELL REPORT** 



#### **AS DRILLED**

Prepared for:

**RBU 29-18F** 

#### **Dominion Exploration & Production**

on

**Section 18, T10S, R20E** 

**Uintah County, Utah** 



#### **Dominion Exploration & Production**

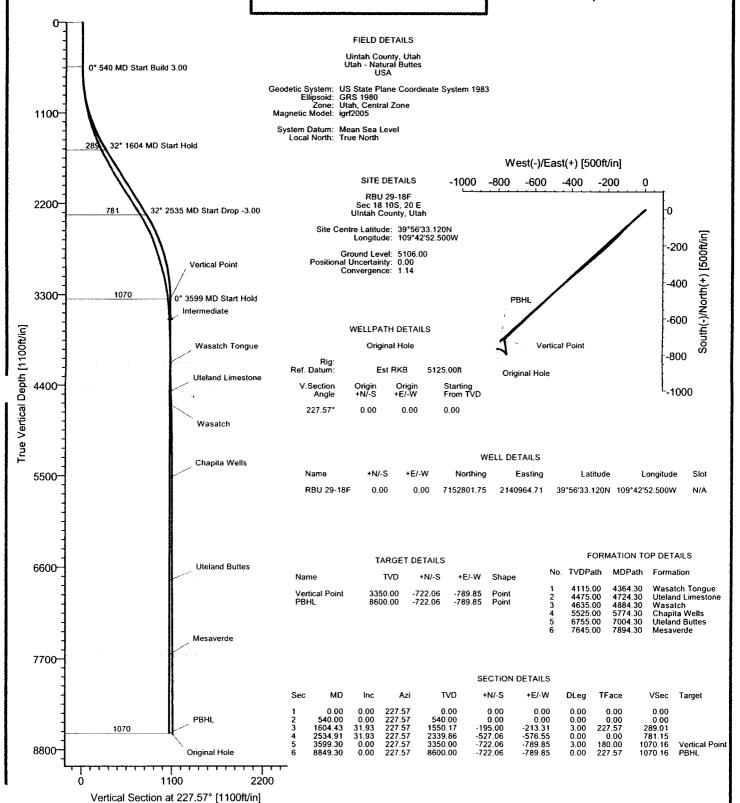
Field: Uintah County, Utah Site: RBU 29-18F Well: RBU 29-18F



Azimuths to True North Magnetic North: 11.71°

Magnetic Field Strength: 52761nT Dip Angle: 65.89° Date: 1/30/2007 Model: igrf2005





Ryan Energy Technologies 19510 Oil Center Blvd Houston, TX 77073 Ph: 281-443-1414 Fx: 281-443-1676



Created fly Alexis Gonzalez Date 3/1/2007 Date

Date Date



# DIRECTIONAL DRILLING COMPOSITE SURVEY REPORT

Prepared for:

**RBU 29-18F** 

### **Dominion Exploration & Production**

on

**Section 18, T10S, R20E** 

**Uintah County, Utah** 

Report Prepared on November, 2006

WE HEREBY CERTIFY THAT THE DATA CONTAINED IN THIS REPO	
OUR DIRECTIONAL SUPERVISOR, REPRESENTS TO THE BEST OF	OUR KNOWLEDGE, A TRUE AND ACCURATE SURVEY
OF THE WAY AT THE TIME THE SURVEY WAS TAKEN.	
Mar	8-1-07
	3-1-07
CERTAIN BY	DATE
•	



#### **SURVEY REPORT - STANDARD**

Prepared for:

**RBU 29-18F** 

#### **Dominion Exploration & Production**

on

**Section 18, T10S, R20E** 

**Uintah County, Utah** 



#### **Ryan Energy Technologies Survey Report**



Company: **Dominion Exploration & Product** 

Field: Uintah County, Utah **RBU 29-18F** Site:

**RBU 29-18F** Wellpath: Original Hole Date: 2/26/2007 Time: 10:30:36

Page: Co-ordinate(NE) Reference: Well: RBU 29-18F, True North Vertical (TVD) Reference: Est RKB 5125.0

Section (VS) Reference: Survey Calculation Method: Well (0.00N,0.00E,227.57Azi)

Minimum Curvature Db: Sybase

Field:

Well:

Uintah County, Utah Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone:

Utah, Central Zone

Coordinate System: Geomagnetic Model: Well Centre igrf2005

Site:

**RBU 29-18F** 

Sec 18 10S, 20 E

Ulntah County, Utah

Site Position: From: Geographic

Position Uncertainty:

0.00 ft 5106.00 ft Ground Level:

7152801.75 ft Northing: 2140964.71 ft Easting:

Latitude: Longitude:

39 56 33.120 N 109 42 52.500 W

North Reference: **Grid Convergence:**  True 1.14 deg

Well:

**RBU 29-18F** 

+N/-S

Slot Name:

Latitude:

39 56 33.120 N

+£/-W **Position Uncertainty:** 

Well Position:

0.00 ft 0.00 ft 0.00 ft

2140964.71 ft

7152801.75 ft

Longitude:

42 52.500 W

Wellpath: Original Hole

Height 5125.00 ft

**Drilled From:** Tie-on Depth: Above System Datum: Surface 0.00 ft Mean Sea Level

Current Datum: Magnetic Data: Field Strength:

1/30/2007 52761 nT

Declination: Mag Dip Angle:

0

11.71 deg 65.89 deg

Vertical Section: Depth From (TVD) ft

+N/-S +E/-W 0.00

Direction deg

0.00 0.00

Northing:

Easting:

227.567

Survey Program for Definitive Wellpath

8774.00

8850.00

Date: 2/26/2007 Actual From To To

Validated: No Survey

Version: Toolcode

**Tool Name** 

ft ft 567.00 3650.00

Ryan MWD (567.00-3650.00) Single Shot Surveys (3864.00-8 Projection to Total Depth (885

MWD Single Shot MWD Single Shot

Survey

3864.00

8850.00

MD ft	inci deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100t	Build ft deg/100	Turn ft deg/100ft	Tool/Comment
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
567.00	0.30	133.000	567.00	-1.01	1.09	-0.12	0.05	0.05	0.00	MWD
659.00	1.70	223.000	658.98	-2.17	0.33	1.22	1.88	1.52	97.83	MWD
751.00	5.40	226.200	750.79	-6.17	-3.73	6.91	4.03	4.02	3.48	MWD
842.00	8.70	227.600	841.09	-13.78	-11.90	18.08	3.63	3.63	1.54	MWD
933.00	10.70	229.000	930.79	-23.96	-23.36	33.41	2.21	2.20	1.54	MWD
1024.00	12.20	229.700	1019.97	-35.72	-37.07	51.46	1.66	1.65	0.77	MWD
1117.00	13.80	229.400	1110.59	-49.30	-52.99	72.37	1.72	1.72	-0.32	MWD
1212.00	16.00	227.900	1202.39	-65.45	-71.31	96.79	2.35	2.32	-1.58	MWD
1307.00	19.10	225.500	1292.95	-85.13	-92.11	125.42	3.35	3.26	-2.53	MWD
1402.00	21.50	223.000	1382.05	-108.76	-115.07	158.32	2.69	2.53	-2.63	MWD
1498.00	24.50	223.000	1470.41	-136.19	-140.65	195.70	3.12	3.12	0.00	MWD
1593.00	26.60	224.400	1556.11	-165.79	-168.97	236.58	2.30	2.21	1.47	MWD
1688.00	28.70	226.900	1640.26	-196.58	-200.51	280.63	2.53	2.21	2.63	MWD
1784.00	28.80	228.300	1724.43	-227.71	-234.61	326.80	0.71	0.10	1.46	MWD
1880.00	29.40	229.000	1808.31	-258.56	-269.66	373.48	0.72	0.62	0.73	MWD
1972.00	30.80	228.300	1887.90	-289.04	-304.29	419.61	1.57	1.52	-0.76	MWD
2067.00	32.50	230.100	1968.77	-321.59	-342.03	469.43	2.05	1.79	1.89	MWD
2163.00	33.30	230.100	2049.38	-355.04	-382.04	521.52	0.83	0.83	0.00	MWD
2258.00	31.90	229.400	2129.41	-388.11	-421.10	572.67	1.53	-1.47	-0.74	MWD
2353.00	33.70	229.000	2209.26	-421.74	-460.05	624.11	1.91	1.89	-0.42	MWD



#### **Ryan Energy Technologies Survey Report**



Page:

Company: Dominion Exploration & Product

Uintah County, Utah RBU 29-18F RBU 29-18F Field:

Site: Well: Wellpath: Original Hole Date: 2/26/2007

Time: 10:30:36 Co-ordinate(NE) Reference:

Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Est RKB 5125.0

Well: RBU 29-18F, True North Well (0.00N,0.00E,227.57Azi)

Db: Sybase Minimum Curvature

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100	Turn ft deg/100ft	Tool/Comment
2448.00	31.00	226.900	2289.51	-455.75	-497.82	674.93	3.08	-2.84	-2.21	MWD
2543.00	30.30	226.900	2371.24	-488.84	-533.18	723.35	0.74	-0.74	0.00	MWD
2638.00	29.10	226.500	2453.75	-521.12	-567.43	770.42	1.28	-1.26	-0.42	MWD
2733.00	26.40	226.900	2537.82	-551.46	-599.62	814.64	2.85	-2.84	0.42	MWD
2828.00	20.60	226.900	2624.90	-577.33	-627.27	852.50	6.11	-6.11	0.00	MWD
2924.00	19.70	225.300	2715.03	-600.25	-651.10	885.56	1.10	-0.94	-1.67	MWD
3019.00	18.10	226.900	2804.90	-621.60	-673.26	916.32	1.77	-1.68	1.68	MWD
3114.00	16.10	226.200	2895.70	-640.80	-693.54	944.24	2.12	-2.11	-0.74	MWD
3209.00	15.00	226.200	2987.22	-658.43	-711.92	969.70	1.16	-1.16	0.00	MWD
3302.00	13.40	226.900	3077.38	-674.12	-728.48	992.51	1.73	-1.72	0.75	MWD
3398.00	10.50	227.600	3171.29	-687.62	-743.06	1012.39	3.02	-3.02	0.73	MWD
3493.00	8.40	226.500	3264.99	-698.24	-754.49	1027.98	2.22	-2.21	-1.16	MWD
3598.00	6.00	223.400	3369.16	-707.50	-763.83	1041.13	2.31	-2.29	-2.95	MWD
3650.00	4.20	223.400	3420.95	-710.86	-767.00	1045.74	3.46	-3.46	0.00	MWD
3864.00	5.00	162.000	3634.38	-725.43	-769.51	1057.42	2.22	0.37	-28.69	Single Shot
4339.00	2.75	178.000	4108.27	-756.51	-762.71	1073.37	0.52	-0.47	3.37	Single Shot
5323.00	1.75	163.000	5091.51	-794.47	-757.49	1095.13	0.12	-0.10	-1.52	Single Shot
6369.00	1.50	331.000	6137.36	-797.77	-759.46	1098.81	0.31	-0.02	16.06	Single Shot
8774.00	1.50	277.000	8541.65	-766.41	-805.97	1111.97	0.06	0.00	-2.25	Single Shot
8850.00	1.50	277.000	8617.63	-766.16	-807.94	1113.27	0.00	0.00	0.00	



#### **SURVEY REPORT - GEOGRAPHIC**

Prepared for:

**RBU 29-18F** 

#### **Dominion Exploration & Production**

on

Section 18, T10S, R20E

**Uintah County, Utah** 



#### **Ryan Energy Technologies** Survey Report - Geographic



**Dominion Exploration & Product** Company:

Field: Site:

Uintah County, Utah **RBU 29-18F** 

**RBU 29-18F** Well:

Wellpath: Original Hole 2/26/2007

Co-ordinate(NE) Reference:

Vertical (TVD) Reference: Section (VS) Reference:

Survey Calculation Method:

Time: 10:31:36

Well: RBU 29-18F, True North

Est RKB 5125.0

Well (0.00N,0.00E,227.57Azi) Minimum Curvature

Db: Sybase

Field:

Uintah County, Utah

Utah - Natural Buttes

USA

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone:

Utah, Central Zone

Coordinate System: Geomagnetic Model: Well Centre

igrf2005

Site:

**RBU 29-18F** 

Sec 18 10S, 20 E Ulntah County, Utah

Site Position:

Geographic From:

Position Uncertainty: Ground Level:

0.00 ft 5106.00 ft Northing: 7152801.75 ft 2140964.71 ft Easting:

Latitude: Longitude:

56 109 42

North Reference: **Grid Convergence:**  52.500 W True 1.14 deg

33.120 N

Well:

**RBU 29-18F** 

Slot Name:

+N/-S+E/-W

7152801.75 ft 0.00 ft Northing: 0.00 ft 2140964.71 ft Easting:

Latitude: Longitude:

39 56 33.120 N 109 42 52.500 W

**Position Uncertainty:** 

Wellpath: Original Hole

0.00 ft

**Drilled From:** 

Surface

**Current Datum:** Magnetic Data: Field Strength:

Well Position:

Est RKB

1/30/2007

52761 nT

Tie-on Depth: Height 5125.00 ft

**Above System Datum:** Declination:

Mean Sea Level 11.71 deg

0.00 ft

Mag Dip Angle:

65.89 deg Direction

Depth From (TVD) Vertical Section: ft

0.00

+N/-S ft 0.00

+E/-W ft

deg

227.567

Survey Program for Definitive Wellpath

8850.00

Date: 2/26/2007 **Actual From** To Validated: No Survey

Version:

0.00

Toolcode

**Tool Name** 

ft ft 567.00 3650.00 8774.00 3864.00

Ryan MWD (567.00-3650.00) Single Shot Surveys (3864.00-8 Projection to Total Depth (885

MWD Single Shot MWD Single Shot

8850.00 Survey

567.00         0.30         133.000         567.00         -1.01         1.09         7152800.76         2140965.81         39         56         33.110 N         109         42         52.44         659.00         1.70         223.000         658.98         -2.17         0.33         7152799.58         2140965.08         39         56         33.098 N         109         42         52.44         751.00         540         226.200         750.79         -6.17         -3.73         7152795.50         2140961.11         39         56         33.059 N         109         42         52.54         842.00         8.70         227.600         841.09         -13.78         -11.90         7152787.73         2140953.09         39         56         32.984 N         109         42         52.61         842.00         10.70         229.000         930.79         -23.96         -23.36         7152773.32         2140941.83         39         56         32.883 N         109         42         52.81         1024.00         12.20         229.400         1110.59         -49.30         -52.99         7152765.29         2140941.83         39         56         32.833 N         109         42         52.91         1117.00         13.80         229.40	MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude Deg Min Sec	> < Longitude> Deg Min Sec
659.00 1.70 223.000 658.98 -2.17 0.33 7152799.58 2140965.08 39 56 33.098 N 109 42 52.48 751.00 5.40 226.200 750.79 -6.17 -3.73 7152795.50 2140961.11 39 56 33.059 N 109 42 52.56 842.00 8.70 227.600 841.09 -13.78 -11.90 7152787.73 2140953.09 39 56 32.984 N 109 42 52.56 933.00 10.70 229.000 930.79 -23.96 -23.36 7152777.32 2140941.83 39 56 32.883 N 109 42 52.86 1024.00 12.20 229.700 1019.97 -35.72 -37.07 7152765.29 2140941.83 39 56 32.633 N 109 42 52.91 1117.00 13.80 229.400 1110.59 -49.30 -52.99 7152751.40 2140912.72 39 56 32.633 N 109 42 53.18 1212.00 16.00 227.900 1202.39 -65.45 -71.31 7152734.88 2140847.2 39 56 32.473 N 109 42 53.47 1307.00 19.10 225.500 1292.95 -85.13 -92.11 7152714.80 2140874.31 39 56 32.279 N 109 42 53.67 1498.00 24.50 223.000 1470.41 -136.19 -140.65 7152662.78 2140826.80 39 56 31.477 N 109 42 53.67 1498.00 24.50 223.000 1470.41 -136.19 -140.65 7152632.61 2140799.08 39 56 31.481 N 109 42 54.30 1688.00 28.70 226.900 1640.26 -196.58 -200.51 7152601.20 2140768.16 39 56 31.177 N 109 42 55.50 1784.00 28.80 228.300 1724.43 -227.71 -234.61 7152598.40 2140702.26 39 56 30.665 N 109 42 55.50 1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 55.50 1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 55.60 2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 55.40 2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 55.40 2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 55.40 2063.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40 2063.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40 2063.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40 2063.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40 2067.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 214058	0.00	0.00	0.000	0.00	0.00	0.00	7152801.75	2140964.71	39 56 33.120	N 109 42 52.500 W
751.00         5.40         226.200         750.79         -6.17         -3.73         7152795.50         2140961.11         39 56         33.059 N         109 42         52.54           842.00         8.70         227.600         841.09         -13.78         -11.90         7152787.73         2140953.09         39 56         32.984 N         109 42         52.64           933.00         10.70         229.000         930.79         -23.96         -23.36         7152777.32         2140941.83         39 56         32.883 N         109 42         52.86           1024.00         12.20         229.700         1019.97         -35.72         -37.07         7152765.29         2140928.36         39 56         32.767 N         109 42         52.91           1117.00         13.80         229.400         1110.59         -49.30         -52.99         7152751.40         2140912.72         39 56         32.633 N         109 42         53.14           1212.00         16.00         227.900         1202.39         -65.45         -71.31         7152734.88         2140894.72         39 56         32.473 N         109 42         53.47           1307.00         19.10         223.000         1382.05         -108.76         -115.07<	567.00	0.30	133.000	567.00	-1.01	1.09	7152800.76	2140965.81	39 56 33.110	N 109 42 52.486 W
842.00       8.70       227.600       841.09       -13.78       -11.90       7152787.73       2140953.09       39 56       32.984 N       109 42       52.68         933.00       10.70       229.000       930.79       -23.96       -23.36       7152777.32       2140941.83       39 56       32.883 N       109 42       52.80         1024.00       12.20       229.700       1019.97       -35.72       -37.07       7152765.29       2140928.36       39 56       32.767 N       109 42       52.91         1117.00       13.80       229.400       1110.59       -49.30       -52.99       7152751.40       2140942.72       39 56       32.678 N       109 42       53.11         1212.00       16.00       227.900       1202.39       -65.45       -71.31       7152734.88       2140894.72       39 56       32.473 N       109 42       53.44         1307.00       19.10       225.500       1292.95       -85.13       -92.11       71527914.80       2140874.31       39 56       32.045 N       109 42       53.64         1402.00       21.50       223.000       1470.41       -136.19       -140.65       7152690.71       2140851.83       39 56       31.774 N       109 42       53.64<	659.00	1.70	223.000	658.98	-2.17	0.33	7152799.58	2140965.08	39 56 33.098	N 109 42 52.496 W
933.00 10.70 229.000 930.79 -23.96 -23.36 7152777.32 2140941.83 39 56 32.883 N 109 42 52.80 1024.00 12.20 229.700 1019.97 -35.72 -37.07 7152765.29 2140928.36 39 56 32.767 N 109 42 52.91 1117.00 13.80 229.400 1110.59 -49.30 -52.99 7152751.40 2140912.72 39 56 32.633 N 109 42 53.16 1212.00 16.00 227.900 1202.39 -65.45 -71.31 7152734.88 2140894.72 39 56 32.473 N 109 42 53.47 1307.00 19.10 225.500 1292.95 -85.13 -92.11 7152714.80 2140874.31 39 56 32.279 N 109 42 53.60 1402.00 21.50 223.000 1382.05 -108.76 -115.07 7152690.71 2140851.83 39 56 32.045 N 109 42 53.60 1498.00 24.50 223.000 1470.41 -136.19 -140.65 7152662.78 2140826.80 39 56 31.774 N 109 42 54.30 1593.00 26.60 224.400 1556.11 -165.79 -168.97 7152632.61 2140799.08 39 56 31.481 N 109 42 54.60 1688.00 28.70 226.900 1640.26 -196.58 -200.51 7152601.20 2140768.16 39 56 30.869 N 109 42 55.00 1784.00 28.80 228.300 1724.43 -227.71 -234.61 7152537.86 2140700.26 39 56 30.869 N 109 42 55.90 1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 55.90 1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 55.90 2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40 2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40 2163.00	751.00	5.40	226.200	750.79	-6.17	-3.73	7152795.50	2140961.11	39 56 33.059	N 109 42 52.548 W
1024.00       12.20       229.700       1019.97       -35.72       -37.07       7152765.29       2140928.36       39 56       32.767 N       109 42       52.97         1117.00       13.80       229.400       1110.59       -49.30       -52.99       7152751.40       2140912.72       39 56       32.633 N       109 42       53.18         1212.00       16.00       227.900       1202.39       -65.45       -71.31       7152734.88       2140894.72       39 56       32.473 N       109 42       53.4         1307.00       19.10       225.500       1292.95       -85.13       -92.11       7152714.80       2140874.31       39 56       32.045 N       109 42       53.96         1402.00       21.50       223.000       1382.05       -108.76       -115.07       7152690.71       2140851.83       39 56       32.045 N       109 42       53.96         1498.00       24.50       223.000       1470.41       -136.19       -140.65       7152690.71       2140826.80       39 56       31.774 N       109 42       54.30         1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152692.61       2140799.08       39 56       31.481 N       109 42 <td< td=""><td>842.00</td><td>8.70</td><td>227.600</td><td>841.09</td><td>-13.78</td><td>-11.90</td><td>7152787.73</td><td>2140953.09</td><td>39 56 32.984</td><td>N 109 42 52.653 W</td></td<>	842.00	8.70	227.600	841.09	-13.78	-11.90	7152787.73	2140953.09	39 56 32.984	N 109 42 52.653 W
1117.00       13.80       229.400       1110.59       -49.30       -52.99       7152751.40       2140912.72       39 56       32.633 N       109 42       53.18         1212.00       16.00       227.900       1202.39       -65.45       -71.31       7152734.88       2140894.72       39 56       32.473 N       109 42       53.47         1307.00       19.10       225.500       1292.95       -85.13       -92.11       7152714.80       2140874.31       39 56       32.473 N       109 42       53.47         1402.00       21.50       223.000       1382.05       -108.76       -115.07       7152690.71       2140851.83       39 56       32.045 N       109 42       53.67         1498.00       24.50       223.000       1470.41       -136.19       -140.65       7152690.71       2140826.80       39 56       31.774 N       109 42       53.97         1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152692.61       2140799.08       39 56       31.481 N       109 42       54.67         1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42	933.00	10.70	229.000	930.79	-23.96	-23.36	7152777.32	2140941.83	39 56 32.883	N 109 42 52.800 W
1212.00       16.00       227.900       1202.39       -65.45       -71.31       7152734.88       2140894.72       39 56       32.473 N       109 42       53.47         1307.00       19.10       225.500       1292.95       -85.13       -92.11       7152714.80       2140874.31       39 56       32.473 N       109 42       53.47         1402.00       21.50       223.000       1382.05       -108.76       -115.07       7152690.71       2140851.83       39 56       32.045 N       109 42       53.97         1498.00       24.50       223.000       1470.41       -136.19       -140.65       7152662.78       2140826.80       39 56       31.774 N       109 42       54.60         1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152632.61       2140799.08       39 56       31.481 N       109 42       54.60         1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42       55.07         1784.00       28.80       228.300       1724.43       -227.71       -234.61       7152569.40       2140734.69       39 56       30.565 N       109 42	1024.00	12.20	229.700	1019.97	-35.72	-37.07	7152765.29	2140928.36	39 56 32.767	N 109 42 52.976 W
1307.00       19.10       225.500       1292.95       -85.13       -92.11       7152714.80       2140874.31       39 56       32.279 N       109 42       53.68         1402.00       21.50       223.000       1382.05       -108.76       -115.07       7152690.71       2140851.83       39 56       32.045 N       109 42       53.97         1498.00       24.50       223.000       1470.41       -136.19       -140.65       7152662.78       2140826.80       39 56       31.774 N       109 42       54.30         1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152632.61       2140799.08       39 56       31.481 N       109 42       54.67         1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42       55.07         1784.00       28.80       228.300       1724.43       -227.71       -234.61       7152569.40       2140734.69       39 56       30.565 N       109 42       55.96         1880.00       29.40       229.000       1808.31       -258.56       -269.66       7152537.86       2140700.26       39 56       30.565 N       109 42	1117.00	13.80	229.400	1110.59	-49.30	-52.99	7152751.40	2140912.72	39 56 32.633	N 109 42 53.180 W
1402.00       21.50       223.000       1382.05       -108.76       -115.07       7152690.71       2140851.83       39 56       32.045 N       109 42       53.97         1498.00       24.50       223.000       1470.41       -136.19       -140.65       7152662.78       2140826.80       39 56       31.774 N       109 42       54.30         1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152632.61       2140799.08       39 56       31.481 N       109 42       54.61         1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42       55.07         1784.00       28.80       228.300       1724.43       -227.71       -234.61       7152569.40       2140734.69       39 56       30.565 N       109 42       55.95         1880.00       29.40       229.000       1808.31       -258.56       -269.66       7152537.86       2140700.26       39 56       30.565 N       109 42       55.96         1972.00       30.80       228.300       1887.90       -289.04       -304.29       7152506.69       2140666.25       39 56       30.263 N       109 42	1212.00	16.00	227.900	1202.39	-65.45	-71.31	7152734.88	2140894.72	39 56 32.473	N 109 42 53.416 W
1498.00       24.50       223.000       1470.41       -136.19       -140.65       7152662.78       2140826.80       39 56       31.774 N       109 42       54.30         1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152632.61       2140799.08       39 56       31.481 N       109 42       54.60         1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42       55.00         1784.00       28.80       228.300       1724.43       -227.71       -234.61       7152569.40       2140734.69       39 56       30.869 N       109 42       55.96         1880.00       29.40       229.000       1808.31       -258.56       -269.66       7152537.86       2140700.26       39 56       30.565 N       109 42       55.96         1972.00       30.80       228.300       1887.90       -289.04       -304.29       7152566.69       2140666.25       39 56       30.263 N       109 42       56.40         2067.00       32.50       230.100       1968.77       -321.59       -342.03       7152473.39       2140629.16       39 56       29.611 N       109 42	1307.00	19.10	225.500	1292.95	-85.13	-92.11	7152714.80	2140874.31	39 56 32.279	N 109 42 53.683 W
1593.00       26.60       224.400       1556.11       -165.79       -168.97       7152632.61       2140799.08       39 56       31.481 N       109 42       54.67         1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42       55.07         1784.00       28.80       228.300       1724.43       -227.71       -234.61       7152569.40       2140734.69       39 56       30.869 N       109 42       55.56         1880.00       29.40       229.000       1808.31       -258.56       -269.66       7152537.86       2140700.26       39 56       30.565 N       109 42       55.96         1972.00       30.80       228.300       1887.90       -289.04       -304.29       7152566.69       2140666.25       39 56       30.263 N       109 42       56.40         2067.00       32.50       230.100       1968.77       -321.59       -342.03       7152473.39       2140629.16       39 56       39.56       39.941 N       109 42       56.80         2163.00       33.30       230.100       2049.38       -355.04       -382.04       7152439.15       2140589.84       39 56       29.611 N	1402.00	21.50	223.000	1382.05	-108.76	-115.07	7152690.71	2140851.83	39 56 32.045	N 109 42 53.978 W
1688.00       28.70       226.900       1640.26       -196.58       -200.51       7152601.20       2140768.16       39 56       31.177 N       109 42       55.07         1784.00       28.80       228.300       1724.43       -227.71       -234.61       7152569.40       2140734.69       39 56       30.869 N       109 42       55.57         1880.00       29.40       229.000       1808.31       -258.56       -269.66       7152537.86       2140700.26       39 56       30.565 N       109 42       55.96         1972.00       30.80       228.300       1887.90       -289.04       -304.29       7152506.69       2140666.25       39 56       30.263 N       109 42       56.44         2067.00       32.50       230.100       1968.77       -321.59       -342.03       7152473.39       2140629.16       39 56       29.941 N       109 42       56.89         2163.00       33.30       230.100       2049.38       -355.04       -382.04       7152439.15       2140589.84       39 56       29.611 N       109 42       57.40	1498.00	24.50	223.000	1470.41	-136.19	-140.65	7152662.78	2140826.80	39 56 31.774	N 109 42 54.306 W
1784.00 28.80 228.300 1724.43 -227.71 -234.61 7152569.40 2140734.69 39 56 30.869 N 109 42 55.56   1880.00 29.40 229.000 1808.31 -258.56 -269.66 7152537.86 2140700.26 39 56 30.565 N 109 42 55.96   1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 56.40   2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 56.86   2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40	1593.00	26.60	224.400	1556.11	-165.79	-168.97	7152632.61	2140799.08	39 56 31.481	N 109 42 54.670 W
1880.00 29.40 229.000 1808.31 -258.56 -269.66 7152537.86 2140700.26 39 56 30.565 N 109 42 55.96 1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 56.40 2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 56.89 2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40	1688.00	28.70	226.900	1640.26	-196.58	-200.51	7152601.20	2140768.16	39 56 31.177	N 109 42 55.075 W
1972.00 30.80 228.300 1887.90 -289.04 -304.29 7152506.69 2140666.25 39 56 30.263 N 109 42 56.40   2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 56.80   2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40	1784.00	28.80	228.300	1724.43	-227.71	-234.61	7152569.40	2140734.69	39 56 30.869	N 109 42 55.512 W
2067.00 32.50 230.100 1968.77 -321.59 -342.03 7152473.39 2140629.16 39 56 29.941 N 109 42 56.89 2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40	1880.00	29.40	229.000	1808.31	-258.56	-269.66	7152537.86	2140700.26	39 56 30.565	N 109 42 55.962 W
2163.00 33.30 230.100 2049.38 -355.04 -382.04 7152439.15 2140589.84 39 56 29.611 N 109 42 57.40	1972.00	30.80	228.300	1887.90	-289.04	-304.29	7152506.69	2140666.25	39 56 30.263	N 109 42 56.407 W
= 1,000	2067.00	32.50	230.100	1968.77	-321.59	-342.03	7152473.39	2140629.16	39 56 29.941	N 109 42 56.892 W
0050 00 04 00 000 400 0400 44 000 44 404 40 7450405 04 0440554 44 00 56 00 004 N 400 40 57 00	2163.00	33.30	230.100	2049.38	-355.04	-382.04	7152439.15	2140589.84	39 56 29.611	N 109 42 57.405 W
2258.00 31.90 229.400 2129.41 -388.11 -421.10 /152405.31 2140551.44 39 56 29.284 N 109 42 57.90	2258.00	31.90	229.400	2129.41	-388.11	-421.10	7152405.31	2140551.44	39 56 29.284	N 109 42 57.907 W



#### **Ryan Energy Technologies** Survey Report - Geographic



Company: Dominion Exploration & Product Field: Uintah County, Utah

Site:

Uintah County, Utah RBU 29-18F **RBU 29-18F** Wellpath: Original Hole

Date: 2/26/2007

Survey Calculation Method:

Time: 10:31:36 Co-ordinate(NE) Reference:

Well: RBU 29-18F, True North Est RKB 5125.0

Vertical (TVD) Reference: Section (VS) Reference:

Well (0.00N,0.00E,227.57Azi)

Db: Sybase Minimum Curvature

Survey

Well:

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Lat Deg Min	itude> Sec		ngitude> in Sec
2353.00	33.70	229.000	2209.26	-421.74	-460.05	7152370.91	2140513.16	39 56	28.952 N	109 42	58.407 V
2448.00	31.00	226.900	2289.51	-455.75	-497.82	7152336.15	2140476.09	39 56	28.616 N	109 42	58.892 V
2543.00	30.30	226.900	2371.24	-488.84	-533.18	7152302.36	2140441.39	39 56	28.288 N	109 42	59.346 V
2638.00	29.10	226.500	2453.75	-521.12	-567.43	7152269.41	2140407.79	39 56	27.969 N	109 42	59.786 V
2733.00	26.40	226.900	2537.82	-551.46	-599.62	7152238.43	2140376.22	39 56	27.670 N	109 43	0.199 V
2828.00	20.60	226.900	2624.90	-577.33	-627.27	7152212.01	2140349.09	39 56	27.414 N	109 43	0.554 V
2924.00	19.70	225.300	2715.03	-600.25	-651.10	7152188.62	2140325.72	39 56	27.187 N	109 43	0.860 V
3019.00	18.10	226.900	2804.90	-621.60	-673.26	7152166.84	2140303.99	39 56	26.976 N	109 43	1.145 V
3114.00	16.10	226.200	2895.70	-640.80	-693.54	7152147.23	2140284.10	39 56	26.787 N	109 43	1.405 V
3209.00	15.00	226.200	2987.22	-658.43	-711.92	7152129.24	2140266.07	39 56	26.612 N	109 43	1.641 V
3302.00	13.40	226.900	3077.38	-674.12	-728.48	7152113.22	2140249.83	39 56	26.457 N	109 43	1.854 V
3398.00	10.50	227.600	3171.29	-687.62	-743.06	7152099.43	2140235.52	39 56	26.324 N	109 43	2.041 V
3493.00	8.40	226.500	3264.99	-698.24	-754.49	7152088.59	2140224.31	39 56	26.219 N	109 43	
3598.00	6.00	223.400	3369.16	-707.50	-763.83	7152079.14	2140215.16	39 56	26.127 N	109 43	2.307 V
3650.00	4.20	223.400	3420.95	-710.86	-767.00	7152075.72	2140212.05	39 56	26.094 N	109 43	
3864.00	5.00	162.000	3634.38	-725.43	-769.51	7152061.10	2140209.84	39 56	25.950 N	109 43	2.380 V
4339.00	2.75	178.000	4108.27	-756.51	-762.71	7152030.16	2140217.25	39 56	25.643 N	109 43	2.293 V
5323.00	1.75	163.000	5091.51	-794.47	-757.49	7151992.31	2140223.22	39 56	25.268 N	109 43	2.226 V
6369.00	1.50	331.000	6137.36	-797.77	-759.46	7151988.97	2140221.32	39 56	25.235 N	109 43	2.251 \
8774.00	1.50	277.000	8541.65	-766.41	-805.97	7152019.41	2140174.20	39 56	25.545 N	109 43	2.848 \
8850.00	1.50	277.000	8617.63	-766.16	-807.94	7152019.61	2140172.22	39 56	25.548 N	109 43	2.874 \

#### Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING	ř
1. DJJ	
2 CDW	

X -	Change	of O	perator	(Well	Sold

X - Change of Operator (Well Sold)	<del></del>		Opera	toi Name	Change/Merg	EI					
The operator of the well(s) listed below has change	ged, effectiv	/e:	7/1/2007								
FROM: (Old Operator):			<b>TO:</b> ( New O <sub>1</sub>	perator):							
N1095-Dominion Exploration & Production, Inc			N2615-XTO E	nergy Inc							
14000 Quail Springs Parkway, Suite 600			810 Ho	uston St							
Oklahoma City, OK 73134			Fort Worth, TX 76102								
•											
Phone: 1 (405) 749-1300			Phone: 1 (817) 870-2800								
CA No.			Unit:		RIVER I	BEND					
WELL NAME	SEC TWI	RNG	API NO	1	LEASE TYPE		WELL				
	· · · · · ·	1		NO		TYPE	STATUS				
SEE ATTACHED LIST											
ODED A TOD CHANGES DOCUMENT	ATION										
OPERATOR CHANGES DOCUMENTA	ATION										
Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation was	s received t	From the	FODMED one	rator on:	8/6/2007						
, , ,			-			•					
2. (R649-8-10) Sundry or legal documentation was			-		8/6/2007	Ē	0/5/000=				
3. The new company was checked on the <b>Departn</b>		mmerce		_			8/6/2007				
4a. Is the new operator registered in the State of U	Itah:	<u></u>	Business Numb	per:	5655506-0143						
4b. If <b>NO</b> , the operator was contacted contacted or	n:										
5a. (R649-9-2)Waste Management Plan has been rec	ceived on:		IN PLACE								
5b. Inspections of LA PA state/fee well sites comple	ete on:		n/a	-							
5c. Reports current for Production/Disposition & St	undries on:		ok	- '							
6. Federal and Indian Lease Wells: The BL		e BIA l	nas approved the	- e merger, na	me change.						
or operator change for all wells listed on Federa				BLM		BIA					
7. Federal and Indian Units:					•		-				
The BLM or BIA has approved the successor	of unit one	rator for	r wells listed on								
8. Federal and Indian Communization Agr				•		•					
The BLM or BIA has approved the operator f											
9. Underground Injection Control ("UIC"				oved UIC F	orm 5, Transfer	of Autho	ority to				
Inject, for the enhanced/secondary recovery uni							•				
DATA ENTRY:	iu project ic	71 tile ***	ater disposar we	11(5) 115164 5	***		-				
1 Ol 1 1 Ol 1 O- D-4-base	on•		9/27/2007								
<ol> <li>Changes entered in the Oil and Gas Database of</li> <li>Changes have been entered on the Monthly Op</li> </ol>		ange Sn		-	9/27/2007						
3. Bond information entered in RBDMS on:	ciatoi Cii	ange op	9/27/2007		312112001	-					
4. Fee/State wells attached to bond in RBDMS on			9/27/2007	<u>-</u>							
5. Injection Projects to new operator in RBDMS of			9/27/2007	-							
6. Receipt of Acceptance of Drilling Procedures for		w on:		9/27/2007							
BOND VERIFICATION:					-						
1. Federal well(s) covered by Bond Number:			UTB000138								
2. Indian well(s) covered by Bond Number:			n/a	-							
3a. (R649-3-1) The <b>NEW</b> operator of any state/fee	e well(s) lis	ted cov		- umber	104312762						
3b. The <b>FORMER</b> operator has requested a release				1/23/2008							
The Division sent response by letter on:	o or maoning	, 11011110		1,25,2000	•						
LEASE INTEREST OWNER NOTIFIC	ATION.	· · · · · · · · · · · · · · · · · · ·	<u> </u>			**					
4. (R649-2-10) The <b>NEW</b> operator of the fee wells		ontacted	l and informed b	v a letter fr	om the Division						
of their responsibility to notify all interest owner				.,							
COMMENTS:	-,		· · · · · · · · · · · · · · · · · · ·				·				

#### STATE OF UTAH

(5/2000)

		DIVISION OF OIL, GAS AND MI			5. LEASE DESIGNA	ATION AND SERIAL NUMBER:
SUNDRY NOTICES AND REPORTS ON WELLS  CONTINUED TO GRASS AND REPORTS ON WELLS  CONTINUED TO GRASS AND REPORTS ON WELLS  CONTINUED TO GRASS AND AND REPORTS ON WELLS  CONTINUED TO GRASS AND AND REPORTS ON WELLS  CONTINUED TO GRASS AND AND REPORTS ON WELLS  CONTINUED TO GRASS AND AND REPORTS ON WELLS  LYPE OF WELL  OIL WELL GAS WELL OTHER  SEE ATTACHED  2. AMDRIAGO CONFINCIAL  A MORRISO CONFINCIAL						
Do i	not use this form for proposals to drill	new wells, significantly deepen existing wells below cur	rent bottom-höle der	th, reenter plugged wells, or to	7. UNIT or CA AGR	EEMENT NAME:
1. T	PE OF WELL		orm for such propos	als.	8. WELL NAME and	d NUMBER:
	OIL WELL	GAS WELL V OTHER_			SEE ATT	ACHED
2. N	AME OF OPERATOR:	112115				
				PHONE NUMBER:		
0. 7	. 01011		76102		1	
	OCATION OF WELL				соимту: Uinta	ah
Q	TR/QTR, SECTION, TOWNSHIP, RAI	NGE, MERIDIAN:			STATE:	UTAH
11.	CHECK APP	ROPRIATE BOXES TO INDICAT	E NATURE	OF NOTICE, REPO	RT, OR OTH	ER DATA
	TYPE OF SUBMISSION		Т	YPE OF ACTION		
	NOTICE OF INTENT	ACIDIZE	DEEPEN		REPERFO	RATE CURRENT FORMATION
V		ALTER CASING	FRACTURE	TREAT	SIDETRAC	K TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR	NEW CONS	STRUCTION	TEMPORA	RILY ABANDON
		CHANGE TO PREVIOUS PLANS	✓ OPERATOR	R CHANGE	TUBING R	EPAIR
		CHANGE TUBING	PLUG AND	ABANDON	VENT OR	FLARE
		CHANGE WELL NAME	PLUG BAC	<	WATER D	SPOSAL
SUNDRY NOTICES AND REPORTS ON WELLS  Directuse this form for proceeds in \$1 have reals against and entire activation and expenses.  Directuse this form for proceeds in \$1 have reals against activate activation and expenses.  I TYPE OF WELL  OIL W		HUT-OFF				
	Date of work completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMAT	ION OF WELL SITE	OTHER:	
		CONVERT WELL TYPE	RECOMPLI	ETE - DIFFERENT FORMATION		
	Dominion Exploration 14000 Quail Springs P Oklahoma City, OK 73  James D. Abercrombic Sr. Vice President, Ger Please be advised that under the terms and control of the series of the se	& Production, Inc. Parkway, Suite 600  2134  (405) 745  e (405) 745  eneral Manager - Western Busines  at XTO Energy Inc. is considered to conditions of the lease for the oper	9-/300 ss Unit to be the operations condu	rator on the attache	d list and is reselands. Bond o	coverage
SIGN	pace for State use only)  APPROVE  Earlene K	1 hpm. IR D 9127107 Pussell	DAT	E <u>7/31/2007</u>	REC AUG	DEIVED 6 0 6 2007
	Earlene Russell,	Engineering Technician				

7

#### RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730087	OSCU 2	NWSE	03	100S		U-037164	7050	Federal	GW	P
4304730266	RBU 11-18F	NESW	18	100S	200E	U-013793	7050	Federal	GW	P
4304730374	RBU 11-13E	NESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304730375	RBU 11-15F	NESW	15	100S	200E	U-7206	7050	Federal	GW	P
4304730376	RBU 7-21F	SWNE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304730405	RBU 11-19F	NESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730408	RBU 11-10E	NESW	10	100S	190E	U-013792	7050	Federal	GW	P
4304730410	RBU 11-14E	NESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304730411	RBU 11-23E	NESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304730412	RBU 11-16F	NESW	16	100S	200E	U-7206	7050	Federal	GW	P
4304730585	RBU 7-11F	SWNE	11	100S	200E	U-01790	7050	Federal	GW	P
4304730689	RBU 11-3F	NESW	03	100S	200E	U-013767	7050	Federal	GW	P
4304730720	RBU 7-3E	SWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304730759	RBU 11-24E	NESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304730761	RBU 7-10F	SWNE	10	100S	200E	U-7206	7050	Federal	GW	P
4304730762	RBU 6-20F	SENW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304730768	RBU 7-22F	SWNE	22	100S	200E	14-20-H62-2646	7050	Indian	GW	P
4304730887	RBU 16-3F	SESE	03	100S	200E	U-037164	7050	Federal	GW	P
4304730915	RBU 1-15E	NENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304730926	RBU 1-14E	NENE	14	100S	190E	U-013792	7050	Federal	GW	P
4304730927	RBU 1-22E	NENE	22	100S	190E	U-013792	7050	Federal	GW	P
4304730970	RBU 1-23E	NENE	23	100S	190E	U-013766	7050	Federal	GW	P
4304730971	RBU 4-19F	NWNW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304730973	RBU 13-11F	SWSW	11			U-7206	7050	Federal		A
4304731046	RBU 1-10E	NWNE	10	100S	190E	U-013792		Federal		S
4304731115	RBU 16-16F	SESE	16	100S	200E	U-7206		Federal		
4304731140	RBU 12-18F	NWSW	18			U-013793		Federal	GW	
4304731141	RBU 3-24E	NENW	24			U-013794		Federal	GW	
4304731143	RBU 3-23E	NENW	23			U-013766		Federal	GW	
4304731144	RBU 9-23E	NESE	23		<del></del>	U-013766		Federal	GW	
4304731145	RBU 9-14E	NESE	14			U-013792	<del> </del>	Federal	GW	
4304731160	RBU 3-15E	NENW	15		<u> </u>	U-013766		Federal	GW	
4304731161	RBU 10-15E	NWSE	15			U-013766		Federal		
4304731176	RBU 9-10E	NESE	10			U-013792		Federal	<del></del>	
4304731196	RBU 3-14E	SENW	14	1	<del></del>	U-013792		Federal	·	
4304731252	RBU 8-4E	SENE	04			U-013792		Federal		
4304731322	RBU 1-19F	NENE	19			U-013769-A		Federal		
4304731323	RBU 5-10E	SWNW	10			U-013792		Federal		
4304731369	RBU 3-13E	NENW	13			U-013765		Federal		
4304731518	RBU 16-3E	SESE	03			U-035316		Federal		<u></u>
4304731519	RBU 11-11F	NESW	11		1	U-7206		Federal		
4304731520	RBU 1-17F	NENE	17		<u> </u>	U-013769-B		Federal		
4304731605	RBU 9-13E	NESE	13			U-013765		Federal		
4304731606	RBU 3-22E	NENW	22	<u> </u>	<del></del>	U-013792		Federal		
4304731607	RBU 8-24E	SENE	24		<del> </del>	U-013794		Federal		
4304731608	RBU 15-18F	SWSE	18	100S	200E	U-013794	7050	Federal	GW	P

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api	well_name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304731613	RBU 5-11F	SWNW	11			U-7206	ļ <b>.</b>	Federal		P
4304731615	RBU 4-22F	NWNW	22			U-0143521-A		Federal		
4304731652	RBU 6-17E	SWNW	17			U-03535		Federal		
4304731715	RBU 5-13E	SWNW	13		<del></del>	U-013765	1	Federal		1
4304731717	RBU 13-13E	SWSW	13			U-013765	<del> </del>		GW	
4304731739	RBU 9-9E	NESE	09			U-03505		Federal	<del></del>	
4304732033	RBU 13-14E	SWSW	14			U-013792		Federal	1	
4304732037	RBU 11-3E	NESW	03		-	U-013765	£	Federal		
4304732037	RBU 6-18F	SENW	18	ļ	<del></del>	U-013769	ļ		+	
4304732040	RBU 15-24E	SWSE	24			U-013794		Federal	GW	- <del> </del>
4304732040	RBU 5-14E	SWNW	14	·		U-013792	<del> </del>		GW	
4304732050	RBU 12-20F	NWSW	20	<u> </u>	+	U-0143520-A	1 .	Federal	1	
4304732051	RBU 7-13E	SWNE	13		<u> </u>	U-013765	ļ	Federal	· · · · · ·	+
4304732070	RBU 16-19F	SESE	19	·		U-013769-A		Federal	WD	A
4304732070	RBU 9-22E	NESE	22	I	1	U-013792		Federal	GW	
4304732071	RBU 15-34B	SWSE	34			U-01773				
4304732072	RBU 11-15E	NESW	15			U-013766			GW	1
4304732074	RBU 13-21F	SWSW	21		<u> </u>	U-0143520-A		Federal		
4304732074	RBU 10-22F	NWSE	22			U-01470-A		Federal		
	RBU 9-20F	NESE	20		4	U-0143520-A		Federal		
4304732081	RBU 15-23E	SWSE	23			U-013766		Federal		
4304732082	RBU 13-24E	SWSW	24	<del> </del>		U-013794		Federal	GW	
4304732083	RBU 3-21E	NENW	21		<b></b>	U-013794 U-013766		Federal	GW	
4304732103	RBU 15-17F	SWSE	17			U-013769-C	<del> </del>	Federal	GW	
4304732105	RBU 13-17F	SWSW	19			U-013769-A		Federal	1 .	1 .
4304732103	RBU 1-21E	NENE	21			U-013766		Federal		
4304732107	RBU 9-21E	NESE	21	·		U-013766				
4304732128	RBU 9-17E	NESE	17			U-03505			GW	
4304732129	RBU 13-14F	SWSW	14			U-013793-A		Federal	GW	<u> </u>
4304732134	RBU 9-11F	NESE	11	<u> </u>		U-7206		Federal	to the owner or a	
4304732134	RBU 5-21F	SWNW	21			U-013793		Federal	GW	
4304732136	RBU 1-20E	NENE	20			U-03505		Federal		<del></del>
4304732149	RBU 8-18F	SENE	18			U-013769		Federal		
4304732149	RBU 13-23E	SWSW	23			U-13766	I	Federal		
4304732153	RBU 5-24E		24		·	U-013794		Federal		
4304732156	RBU 5-14F	SWNW	14			U-013793A		Federal		
	RBU 7-15E	SWNE	15			U-013766		Federal		
4304732166	RBU 15-13E	SWSE	13	L		U-013765		Federal		
4304732167		SWSW	10	<del> </del>		14-20-H62-2645		Indian	GW	
4304732189	RBU 13-10F					<del> </del>		Federal		
4304732190	RBU 15-10E	SWSE NENW	10	<del> </del>		U-013792 U-013769-C		Federal		
4304732191	RBU 3-17FX		17			<del></del>		Federal		
4304732197	RBU 13-15E	SWSW	15			U-013766				
4304732198	RBU 7-22E	SWNE	22			U-013792		Federal		
4304732199	RBU 5-23E		23			U-013766		Federal		
4304732201	RBU 13-18F	SWSW	18			U-013793	<del></del>	Federal		
4304732211	RBU 15-15E	SWSE	15	1008	190E	U-013766	/050	Federal	UW	P

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## RIVER BEND UNIT

ani	well name	atr atr	sec	twp	rng	lease num	entity Lease	well	gtat
api 4304732213	RBU 5-19F	qtr_qtr SWNW	19			U-013769-A	7050 Federal		
4304732217	RBU 9-17F	NESE	17			U-013769-A	7050 Federal		
4304732217	RBU 15-14E	SWSE	14			U-013792	7050 Federal		
4304732220	RBU 5-3E	SWNW	03		<u> </u>	U-03505	7050 Federal		
	RBU 9-3E	NESE	03			U-035316	7050 Federal	-	<del></del>
4304732228	4		-						
4304732239	RBU 7-14E	SWNE	14			U-103792	7050 Federal		
4304732240	RBU 9-14F	NESE	14			U-013793-A	7050 Federal		
4304732242	RBU 5-22E	SWNW	22			U-013792	7050 Federal		
4304732263	RBU 8-13E	SENE	13	<del> </del>	ļ	U-013765	7050 Federal		
4304732266	RBU 9-21F	NESE	21			U-0143520-A	7050 Federal		
4304732267	RBU 5-10F	SWNW	10			U-7206	7050 Federal		
4304732268	RBU 9-10F	NESE	10			U-7206	7050 Federal		
4304732269	RBU 4-15F	NWNW	15	<del></del>		INDIAN	7050 Indian	GW	
4304732270	RBU 14-22F	SESW	22			U-0143519	7050 Federal		
4304732276	RBU 5-21E	SWNW	21	<u> </u>		U-013766	7050 Federal		
4304732289	RBU 7-10E	SWNE	10		l	U-013792	7050 Federal		<del></del>
4304732290	RBU 5-17F	SWNW	17			U-013769-C	7050 Federal		
4304732293	RBU 3-3E	NENW	03	100S	190E	U-013765	7050 Federal		1
4304732295	RBU 13-22E	SWSW	22	100S	190E	U-013792	7050 Federal		
4304732301	RBU 7-21E	SWNE	21	100S	190E	U-013766	7050 Federal		
4304732309	RBU 15-21F	SWSE	21	100S	200E	U-0143520-A	7050 Federal		
4304732310	RBU 15-20F	SWSE	20	100S	200E	U-0143520-A	7050 Federal	GW	P
4304732312	RBU 9-24E	NESE	24	100S	190E	U-013794	7050 Federal	GW	P
4304732313	RBU 3-20F	NENW	20	100S	200E	U-013793-A	7050 Federal	GW	P
4304732315	RBU 11-21F	NESW	21	100S	200E	U-0143520-A	7050 Federal	GW	P
4304732317	RBU 15-22E	SWSE	22	100S	190E	U-013792	7050 Federal	GW	P
4304732328	RBU 3-19FX	NENW	19	100S	200E	U-013769-A	7050 Federal	GW	P
4304732331	RBU 2-11F	NWNE	11	100S	200E	U-01790	7050 Federal	GW	P
4304732347	RBU 3-11F	NENW	11	100S	200E	U-7206	7050 Federal	GW	P
4304732391	RBU 2-23F	NWNE	23	100S	200E	U-013793-A	7050 Federal	GW	S
4304732392	RBU 11-14F	NESW	14	100S	200E	U-013793-A	7050 Federal	GW	P
4304732396	RBU 3-21F	NENW	21	100S	200E	U-013793-A	7050 Federal	GW	P
4304732407	RBU 15-14F	SWSE	14	100S	200E	U-013793-A	7050 Federal	GW	P
4304732408	RBU 4-23F	NWNW	23	100S	200E	U-013793-A	7050 Federal	GW	P
4304732415	RBU 3-10EX (RIG SKID)	NENW	10	100S	190E	UTU-035316	7050 Federal		
4304732483	RBU 5-24EO	SWNW	24		<del> </del>	U-013794	11719 Federal		
4304732512	RBU 8-11F	SENE	11	<u> </u>		U-01790	7050 Federal		
4304732844	RBU 15-15F	SWSE	15	1	1	14-20-H62-2646		GW	
4304732899	RBU 3-14F	NENW	14		+	U-013793-A	7050 Federal		
4304732900	RBU 8-23F	SENE	23			U-013793-A	7050 Federal		
4304732901	RBU 12-23F	NWSW	23			U-01470-A	7050 Federal		
4304732902	RBU 1-15F	NENE	15	<u> </u>		U-7260	7050 Federal		
4304732902	RBU 3-15F	NENW	15			U-7260	7050 Federal		
4304732904	RBU 9-15F	NESE	15		<del> </del>	U-7260	7050 Federal		
4304732934	RBU 3-10F	NENW	10			U-7206	7050 Federal		
			10			U-7206	7050 Federal		
4304732969	RBU 11-10F	NESW	In	1003	ZUUE	0-1200	/050 Federal	UW	

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api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat .
4304732970	RBU 12-15F	NWSW	15			U-7206	7050	Federal	GW	P
4304732971	RBU 15-16F	SWSE	16	100S	200E	U-7206	7050	Federal	GW	S
4304732972	RBU 1-21F	NENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304732989	RBU 13-10E	SWSW	10	100S	190E	U-013792	7050	Federal	GW	P
4304732990	RBU 13-18F2	SWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304732991	RBU 6-19F	SENW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733033	RBU 7-23E	NWNE	23	100S	190E	U-013766	7050	Federal	GW	P
4304733034	RBU 9-18F	NESE	18	100S	200E	U-013794	7050	Federal	GW	P
4304733035	RBU 14-19F	SESW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733087	RBU 6-23F	SENW	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304733088	RBU 1-10F	NENE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733089	RBU 8-22F	SENE	22	100S	200E	U-0143521	7050	Federal	GW	P
4304733090	RBU 11-22F	NESW	22	100S	200E	U-0143519	7050	Federal	GW	P
4304733091	RBU 16-22F	SESE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304733156	RBU 4-14E	NWNW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733157	RBU 7-19F	SWNE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304733158	RBU 7-20F	SWNE	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733159	RBU 7-24E	SWNE	24	100S	190E	U-013794	7050	Federal	GW	P
4304733160	RBU 8-15E	SENE	15	100S	190E	U-013766	7050	Federal	GW	P
4304733161	RBU 16-10E	SESE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733194	RBU 2-14E	NWNE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733272	RBU 13-3F	SWSW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733361	RBU 5-3F	SWNW	03	100S	200E	U-013767	7050	Federal	GW	P
4304733362	RBU 15-10F	SWSE	10	100S	200E	U-7206	7050	Federal	GW	P
4304733363	RBU 5-16F	SWNW	16	100S	200E	U-7206	7050	Federal	GW	P
4304733365	RBU 12-14E	NWSW	14	100S	190E	U-013792	7050	Federal	GW	P
4304733366	RBU 5-18F	SWNW	18	100S	200E	U-013769	7050	Federal	GW	P
4304733367	RBU 10-23F	NWSE	23	100S	200E	U-01470-A	7050	Federal	GW	P
4304733368	RBU 14-23F	SESW	23	100S	200E	U-01470-A	7050	Federal	GW	S
4304733424	RBU 5-20F	SWNW	20	100S	200E	U-013793-A	7050	Federal	GW	P
4304733643	RBU 2-13E	NWNE	13	100S	190E	U-013765	7050	Federal	GW	P
4304733644	RBU 4-13E	NWNW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733714	RBU 4-23E	NWNW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733715	RBU 6-13E	SENW	13	100S	190E	U-013765	7050	Federal	GW	P
4304733716	RBU 10-14E	NWSE	14	100S	190E	U-013792	7050	Federal	GW	P
4304733838	RBU 8-10E	SENE	10	100S	190E	U-013792	7050	Federal	GW	P
4304733839	RBU 12-23E	NWSW	23	100S	190E	U-013766	7050	Federal	GW	P
4304733840	RBU 12-24E	NWSW	24	100S	190E	U-013794	7050	Federal	GW	P
4304733841	RBU 14-23E	SESW	23	100S	190E	U-013766	7050	Federal	GW	P
4304734302	RBU 1-23F	NENE	23	100S	200E	UTU-013793-A	7050	Federal	GW	P
4304734661	RBU 16-15E	SESE	15	100S	190E	U-013766		Federal		
4304734662	RBU 10-14F	NWSE	14	100S	200E	U-013793-A	7050	Federal	GW	P
4304734663	RBU 6-14E	SENW	14	100S	190E	U-013792		Federal		
4304734670	RBU 8-23E	NENE	23	<del></del>		U-013766	7050	Federal	GW	P
4304734671	RBU 4-24E	NENE	23			U-013766	4	Federal		
4304734701	RBU 12-11F	SENW	11			U-7206		Federal		

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api	well_name	qtr_qtr	sec	twp	rng	lease_num	· · · · · · · · · · · · · · · · · · ·	Lease	well	
4304734702	RBU 2-15E	NWNE	15			U-013766	1	Federal	GW	
4304734703	RBU 4-17F	NWNW	17			U-013769-C	<del> </del>	Federal	<del> </del>	
4304734745	RBU 10-20F	NESE	20			U-0143520-A		Federal	GW	
4304734749	RBU 7-18F	SWNE	18	100S	200E	U-013769	7050	Federal	GW	
4304734750	RBU 12-10F	SWSW	10	100S	200E	14-20-H62-2645	7050	Indian	GW	
4304734810	RBU 10-13E	NWSE	13	100S	190E	U-013765	7050	Federal	GW	P
4304734812	RBU 1-24E	NENE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734826	RBU 12-21F	NESE	20	100S	200E	U-0143520-A	7050	Federal	GW	P
4304734828	RBU 4-15E	NWNW	15	100S	190E	U-013766	7050	Federal	GW	P
4304734844	RBU 14-14E	SESW	14	100S	190E	U-013792	7050	Federal	GW	P
4304734845	RBU 10-24E	NWSE	24	100S	190E	U-013794	7050	Federal	GW	P
4304734888	RBU 4-21E	NWNW	21	100S	190E	U-013766	7050	Federal	GW	P
4304734889	RBU 16-24E	SESE	24	100S	190E	U-13794	7050	Federal	GW	P
4304734890	RBU 12-18F2	NWSW	18	100S	200E	U-013793	7050	Federal	GW	P
4304734891	RBU 10-23E	NESW	23	J	4	U-013766	<del></del>	Federal	GW	
4304734892	RBU 8-22E	SENE	22			U-013792	<del>                                     </del>		GW	1
4304734906	RBU 6-22E	SENW	22	100S	190E	U-013792	ļ		GW	P
4304734907	RBU 2-24E	NWNE	24			U-013794	<del> </del>		GW	
4304734910	RBU 4-16F	NWNW	16			U-7206			GW	1
4304734911	RBU 12-19F	NWSW	19		<del> </del>	U-013769-A		Federal	GW	1 -
4304734912	RBU 14-20F	SESW	20		<del></del>	U-0143520-A			GW	1
4304734942	RBU 1-22F	NWNW	23	1		U-013793-A		1	GW	
4304734945	RBU 8-19F	SENE	19			U-013769-A		1.	GW	
4304734946	RBU 8-20F	SENE	20	·	<del></del>	U-013793-A			GW	
4304734962	RBU 12-17F	NWSW	17	<del></del>		U-013769-C		Federal	GW	
4304734963	RBU 2-17F	NWNE	17			U-013769-C		Federal	GW	
4304734966	RBU 14-18F	SESW	18			U-013793	<del> </del>	Federal	GW	4
4304734967	RBU 10-18F	NWSE	18	<del></del>		U-013794		Federal	GW	
4304734968	RBU 10-19F	NWSE	19			U-013769-A			GW	
4304734969	RBU 10-3E	NWSE	03			U-035316	·	Federal		
4304734970	RBU 12-3E	NWSW	03		· · · · · · · · · · · · · · · · · · ·	U-013765		Federal		
4304734971	RBU 15-3E	SWSE	03			U-35316	·	Federal		
4304734974	RBU 12-10E		10			U-013792		Federal	4	
4304734975	RBU 14-10E	NENW	15			U-013766		Federal		
4304734976	RBU 16-13E	SESE	13	<del></del>		U-013765	<del></del>	Federal	ļ	
4304734977	RBU 8-14E	SENE	14			U-013792		Federal		
4304734978	RBU 6-15E	SENW	15	<del></del>		U-013766		Federal		
4304734979	RBU 12-15E	NWSW	15			U-013766		Federal		
4304734981	RBU 16-17E	SESE	17			U-013766		Federal		
4304734982	RBU 8-21E	SENE	21			U-013766		Federal		
4304734983	RBU 4-22E	NWNW	22		<del></del>	U-013792		Federal		
4304734986	RBU 2-20F	NWNE	20			U-03505		Federal		
4304734987	RBU 9-20E	SWNW	21			U-03505		Federal		
4304734989	RBU 7-20E	NENE	20	<del></del>	<del></del>	U-03505		Federal		
	· · · · · · · · · · · · · · · · · · ·	SWNW	21			U-03505	<del></del>	Federal		
4304734990	RBU 8-20E				<del></del>	· · · · · · · · · · · · · · · · · · ·				<del></del>
4304735041	RBU 16-23E	SWSE	23	11002	ITANE	U-013766	/050	Federal	UW	r

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# RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease num	entity	Lease	well	stat
4304735042	RBU 12-22E	NWSW	22			U-013792		Federal	GW	
4304735058	RBU 7-23F	SWNE	23	100S	200E	U-013793-A	7050	Federal	GW	P
4304735059	RBU 12-13E	NWSW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735060	RBU 14-13E	SESW	13	100S	190E	U-013765	7050	Federal	GW	P
4304735061	RBU 2-22E	NWNE	22			U-013792	7050	Federal	GW	P
4304735062	RBU 6-24E	SENW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735082	RBU 4-17E	NWNW	17	100S	190E	U-03505	7050	Federal	GW	
4304735086	RBU 16-14E	NENE	23	100S	190E	U-013792	7050	Federal	GW	P
4304735087	RBU 2-3E	NWNE	03	100S	190E	U-013765	7050	Federal	GW	P
4304735088	RBU 6-3E	SENW	03	100S	190E	U-03505	7050	Federal	GW	P
4304735100	RBU 10-10E	NWSE	10	100S	190E	U-013792	7050	Federal	GW	P
4304735101	RBU 16-22E	SESE	22	100S	190E	U-013792	7050	Federal	GW	P
4304735112	RBU 14-24E	SESW	24	100S	190E	U-013794	7050	Federal	GW	P
4304735129	RBU 6-21F	SENW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735170	RBU 1-9E	NESE	09	100S	190E	U-03505	7050	Federal	GW	P
4304735171	RBU 16-9E	NESE	09	100S	190E	U-013765	7050	Federal	GW	P
4304735232	RBU 14-21F	SESW	21	100S	200E	U-0143520	7050	Federal	GW	P
4304735250	RBU 13-19F2	NWSW	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735251	RBU 15-19F	SWSE	19	100S	200E	U-013769-A	7050	Federal	GW	P
4304735270	RBU 16-21E	SESE	21	100S	190E	U-013766	7050	Federal	GW	P
4304735304	RBU 13-20F	SWSW	20	100S	200E	U-013769	7050	Federal	GW	P
4304735305	RBU 4-21F	NWNW	21	100S	200E	U-013793-A	7050	Federal	GW	P
4304735306	RBU 16-21F	SESE	21	100S	200E	U-0143520-A	7050	Federal	GW	P
4304735468	RBU 15-22F	SWSE	22	100S	200E	U-01470-A	7050	Federal	GW	P
4304735469	RBU 11-23F	SENW	23	100S	200E	U-01470A	7050	Federal	GW	P
4304735549	RBU 1-14F	NENE	14	100S	200E	UTU-013793-A	7050	Federal	GW	
4304735640	RBU 2-21E	NWNE	21	100S	190E	U-013766		Federal	GW	4
4304735644	RBU 10-17E	NWSE	17	100S	190E	U-013766		Federal	GW	4 4
4304735645	RBU 12-21E	NWSW	21	100S	190E	U-013766		Federal	GW	1
4304736200	RBU 8-17E	SWNE	17		4	U-013766		Federal	GW	
4304736201	RBU 15-17EX	SWSE	17			U-013766		Federal	GW	
4304736293	RBU 2-10E	NWNE	10			U-013792		Federal	GW	
4304736294	RBU 6-10E	NENW	10			U-013792		Federal	GW	
4304736296	RBU 6-21E	SENW	21	-		U-013766		Federal		
4304736297	RBU 10-22E	NWSE	22			U-013792		Federal		
4304736318	RBU 14-22E	SESW	22	<u> </u>		U-013792		Federal		
4304736427	RBU 9-15E	NESE	15			U-013766	<del></del>	Federal		
4304736428	RBU 2-17E	NWNE	17			U-013766		Federal		-
4304736429	RBU 1-17E	NENE	17			U-013766				DRL
4304736432	RBU 3-19F2	NWNW	19		<del> </del>	U-013769-A		Federal		
4304736433	RBU 14-17F	SESW	17	<del></del>		U-03505	·	Federal		
4304736434	RBU 2-19F	NWNE	19			U-013769-A		Federal		
4304736435	RBU 5-19FX	SWNW	19	<u> </u>	<u> </u>	U-013769-A		Federal		
4304736436	RBU 4-20F	NWNW				U-013793-A		Federal		
4304736605	RBU 16-14F	SESE	14			U-013793A		Federal		
4304736608	RBU 4-3E	NWNW	03	100S	190E	U-035316	7050	Federal	GW	P

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#### RIVER BEND UNIT

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	NWNE		100S	200E	U-7206	7050	Federal	GW	P
distribution of the second second second second second second second second second second second second second	SENE	21	100S	200E	U-013793-A	7050	Federal	GW	P
RBU 4-10E	SWNW	10	100S	190E	U-035316	7050	Federal	GW	P
RBU 11-17E	NWSE	17	100S	190E	U-03505	7050	Federal	GW	DRL
RBU 3-17E	NENW	17	100S	190E	U-03505	7050	Federal	GW	P
RBU 3-23F	NENW	23	100S	200E	U-013793-A	7050	Federal	OW	P
RBU 11-20F	NESW	20	100S	200E	U-0143520-A	7050	Federal	GW	P
RBU 5-15F	SWNW	15	100S	200E	U-7206	7050	Federal	OW	P
RBU 10-16F	NWSE	16	100S	200E	U-7206	7050	Federal	OW	P
RBU 9-16F	NESE	16	100S	200E	U-7206	7050	Federal	OW	S
RBU 14-17E	SESW	17	100S	190E	U-03505	7050	Federal	GW	P
RBU 15-9E	NWNE	16	100S	190E	U-013765	7050	Federal	GW	DRL
RBU 9-4EA	SENE	04	100S	190E	U-03505	7050	Federal	GW	P
RBU 13-23F	SWSW	23	100S	200E	U-01470-A	7050	Federal	GW	P
RBU 12-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
RBU 11-4E	SE/4	04	100S	190E	U-03505	99999	Federal	GW	DRL
RBU 2-4E	NWNE	04	100S	190E	U-013792				DRL
RBU 5-4E	SWNW	04	100S	190E	U-03576	99999	Federal	GW	DRL
RBU 28-18F	NESE	13	100S	190E	U 013793-A	<del></del>			DRL
RBU 32-13E	NESE	13	100S	190E	U-013765	7050	Federal	GW	DRL
RBU 27-18F	SWSW	18	100S	200E	U-013793	7050	Federal	GW	DRL
RBU 27-18F2	SWSW	18							DRL
RBU 30-18F	SWSW	18		<u> </u>		ļ		4	P
RBU 29-18F	SWSW	18	1						DRL
RBU 31-10E	NENE	15							DRL
RBU 17-15E	NENE	15				<u> </u>			DRL
RBU 8B-17E	SENE	17				<del> </del>			DRL
	RBU 3-17E RBU 3-23F RBU 11-20F RBU 5-15F RBU 10-16F RBU 9-16F RBU 14-17E RBU 15-9E RBU 9-4EA RBU 13-23F RBU 12-4E RBU 11-4E RBU 2-4E RBU 5-4E RBU 2-4E RBU 27-18F RBU 27-18F RBU 29-18F RBU 29-18F RBU 31-10E RBU 11-15E	RBU 8-3E         SENE           RBU 14-3E         SESW           RBU 13-3E         NWSW           RBU 2-10F         NWNE           RBU 8-21F         SENE           RBU 4-10E         SWNW           RBU 11-17E         NWSE           RBU 3-17E         NENW           RBU 3-23F         NENW           RBU 11-20F         NESW           RBU 5-15F         SWNW           RBU 10-16F         NWSE           RBU 9-16F         NESE           RBU 14-17E         SESW           RBU 15-9E         NWNE           RBU 9-4EA         SENE           RBU 13-23F         SWSW           RBU 11-4E         SE/4           RBU 2-4E         NWNE           RBU 2-4E         NWNE           RBU 2-4E         NWNE           RBU 2-13E         NESE           RBU 27-18F         SWSW           RBU 27-18F         SWSW           RBU 29-18F         SWSW           RBU 31-10E         NENE           RBU 17-15E         NENE	RBU 8-3E       SENE       03         RBU 14-3E       SESW       03         RBU 13-3E       NENE       03         RBU 2-10F       NWNE       10         RBU 8-21F       SENE       21         RBU 8-21F       SENE       21         RBU 4-10E       SWNW       10         RBU 11-17E       NWSE       17         RBU 3-17E       NENW       17         RBU 3-23F       NENW       23         RBU 11-20F       NESW       20         RBU 5-15F       SWNW       15         RBU 10-16F       NESE       16         RBU 9-16F       NESE       16         RBU 14-17E       SESW       17         RBU 15-9E       NWNE       16         RBU 9-4EA       SENE       04         RBU 13-23F       SWSW       23         RBU 12-4E       SWNW       04         RBU 11-4E       SE/4       04         RBU 2-4E       NWNE       04         RBU 2-18F       NESE       13         RBU 27-18F       SWSW       18         RBU 27-18F2       SWSW       18         RBU 29-18F       SWSW	RBU 8-3E         SENE         03         100S           RBU 14-3E         SESW         03         100S           RBU 13-3E         NWSW         03         100S           RBU 1-3E         NENE         03         100S           RBU 2-10F         NWNE         10         100S           RBU 8-21F         SENE         21         100S           RBU 8-21F         SENE         21         100S           RBU 4-10E         SWNW         10         100S           RBU 4-10E         SWNW         10         100S           RBU 11-17E         NESE         17         100S           RBU 3-17E         NENW         17         100S           RBU 3-23F         NENW         23         100S           RBU 11-20F         NESW         20         100S           RBU 9-16F         NESE         16         100S           RBU 9-16F         NESE         16         100S           RBU 15-9E         NWNE         16         100S           RBU 15-9E         NWNE         16         100S           RBU 13-23F         SWSW         23         100S           RBU 12-4E         SWNW	RBU 8-3E         SENE         03         100S         190E           RBU 14-3E         SESW         03         100S         190E           RBU 13-3E         NWSW         03         100S         190E           RBU 1-3E         NENE         03         100S         190E           RBU 2-10F         NWNE         10         100S         200E           RBU 8-21F         SENE         21         100S         200E           RBU 4-10E         SWNW         10         100S         190E           RBU 11-17E         NWSE         17         100S         190E           RBU 3-17E         NENW         17         100S         190E           RBU 3-23F         NENW         23         100S         200E           RBU 11-20F         NESW         20         100S         200E           RBU 5-15F         SWNW         15         100S         200E           RBU 9-16F         NESE         16         100S         200E           RBU 15-9E         NWNE         16         100S         190E           RBU 13-23F         SWSW         23         100S         200E           RBU 12-4E         SWNW	RBU 8-3E         SENE         03         100S         190E         U-013765           RBU 14-3E         SESW         03         100S         190E         U-013765           RBU 13-3E         NWSW         03         100S         190E         U-013765           RBU 1-3E         NENE         03         100S         190E         U-013765           RBU 2-10F         NWNE         10         100S         200E         U-7206           RBU 8-21F         SENE         21         100S         200E         U-03793-A           RBU 4-10E         SWNW         10         100S         190E         U-03505           RBU 1-17E         NWSE         17         100S         190E         U-03505           RBU 3-17E         NENW         17         100S         190E         U-03505           RBU 3-17E         NENW         17         100S         190E         U-03505           RBU 3-17E         NENW         17         100S         200E         U-013793-A           RBU 1-20F         NESW         20         100S         200E         U-013793-A           RBU 1-20F         NESW         20         100S         200E         U-0143520-A	RBU 8-3E   SENE   03   100S   190E   U-013765   7050   RBU 14-3E   SESW   03   100S   190E   U-013765   7050   RBU 13-3E   NWSW   03   100S   190E   U-013765   15235   RBU 1-3E   NENE   03   100S   190E   U-013765   7050   RBU 2-10F   NWNE   10   100S   200E   U-7206   7050   RBU 8-21F   SENE   21   100S   200E   U-7206   7050   RBU 4-10E   SWNW   10   100S   190E   U-035316   7050   RBU 11-17E   NWSE   17   100S   190E   U-03505   7050   RBU 3-23F   NENW   23   100S   200E   U-013793-A   7050   RBU 3-23F   NENW   23   100S   200E   U-013793-A   7050   RBU 11-20F   NESW   20   100S   200E   U-013793-A   7050   RBU 11-20F   NESW   20   100S   200E   U-013793-A   7050   RBU 10-16F   NWSE   16   100S   200E   U-0143520-A   7050   RBU 14-17E   SESW   17   100S   190E   U-03505   7050   RBU 14-17E   SESW   17   100S   190E   U-03505   7050   RBU 15-9E   NWNE   16   100S   200E   U-7206   7050   RBU 13-23F   SWSW   23   100S   200E   U-013765   7050   RBU 13-23F   SWSW   23   100S   200E   U-013765   7050   RBU 13-23F   SWSW   23   100S   200E   U-013765   7050   RBU 13-23F   SWSW   23   100S   200E   U-03505   7050   RBU 13-23F   SWSW   23   100S   200E   U-03505   7050   RBU 14-4E   SWNW   04   100S   190E   U-03505   7050   RBU 12-4E   SWNW   04   100S   190E   U-03505   99999   RBU 2-4E   SWNW   04   100S   190E   U-03576   99999   RBU 2-4E   SWNW   04   100S   190E   U-03576   99999   RBU 2-4E   SWNW   04   100S   190E   U-03576   99999   RBU 2-4E   SWNW   04   100S   190E   U-013793   7050   RBU 27-18F   SWSW   18   100S   200E   U-013793   7050   RBU 27-18F   SWSW   18   100S   200E   U-013793   7050   RBU 27-18F   SWSW   18   100S   200E   U-013793   7050   RBU 30-18F   SWSW   18   100S   200E   U-013793   7050   RBU 31-10E   NENE   15   100S   190E   U-013766   7050   RBU 17-15E   N	RBU 8-3E   SENE   03   100S   190E   U-013765   7050   Federal   RBU 14-3E   SESW   03   100S   190E   U-013765   7050   Federal   RBU 13-3E   NWSW   03   100S   190E   U-013765   15235   Federal   RBU 1-3E   NENE   03   100S   190E   U-013765   7050   Federal   RBU 2-10F   NWNE   10   100S   200E   U-013765   7050   Federal   RBU 2-10F   NWNE   10   100S   200E   U-013793-A   7050   Federal   RBU 8-21F   SENE   21   100S   200E   U-013793-A   7050   Federal   RBU 4-10E   SWNW   10   100S   190E   U-035316   7050   Federal   RBU 3-17E   NENW   17   100S   190E   U-03505   7050   Federal   RBU 3-17E   NENW   17   100S   190E   U-03505   7050   Federal   RBU 3-23F   NENW   23   100S   200E   U-013793-A   7050   Federal   RBU 11-20F   NESW   20   100S   200E   U-013793-A   7050   Federal   RBU 11-20F   NESW   20   100S   200E   U-0143520-A   7050   Federal   RBU 10-16F   NWSE   16   100S   200E   U-7206   7050   Federal   RBU 14-17E   SESW   17   100S   190E   U-03505   7050   Federal   RBU 14-17E   SESW   17   100S   190E   U-03505   7050   Federal   RBU 15-9E   NWNE   16   100S   200E   U-7206   7050   Federal   RBU 15-9E   NWNE   16   100S   200E   U-013765   7050   Federal   RBU 13-23F   SWSW   23   100S   200E   U-013765   7050   Federal   RBU 12-4E   SWNW   04   100S   190E   U-03505   7050   Federal   RBU 14-4E   SE/4   04   100S   190E   U-03505   7050   Federal   RBU 13-23F   SWSW   23   100S   200E   U-01470-A   7050   Federal   RBU 2-4E   SWNW   04   100S   190E   U-03576   9999   Federal   RBU 2-4E   SWNW   04   100S   190E   U-013792   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Federal   RBU 2-18F   SWSW   18   100S   200E   U-013793   7050   Fed	RBU 8-3E   SENE   03   1008   190E   U-013765   7050   Federal   GW

09/27/2007

#### RIVER BEND UNIT

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api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304730153	NATURAL 1-2	SENW	02	100S	200E	ML-10716	11377	State	OW	PA
4304730260	RBU 11-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	S
4304730583	RBU 11-36B	NESW	36	090S	190E	ML-22541	99998	State	NA	PA
4304730608	RBU 8-16D	SENE	16	100S	180E	ML-13216	99998	State	NA	PA
4304730760	RBU 11-2F	NESW	02	100S	200E	ML-10716	9966	State	OW	S
4304731740	RBU 1-16E	NENE	16	100S	190E	ML-13214	7050	State	GW	P
4304732026	RBU 16-2F	SESE	02	100S	200E	ML-10716	7050	State	GW	P
4304732042	RBU 9-16E	NESE	16	100S	190E	ML-13214	7050	State	GW	P
4304732108	RBU 14-2F	SESW	02	100S	200E	ML-10716	7050	State	GW	P
4304732136	RBU 8-2F	SENE	02	100S	200E	ML-10716	7050	State	GW	P
4304732137	RBU 5-16E	SWNW	16	100S	190E	ML-13214	7050	State	GW	P
4304732245	RBU 7-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732250	RBU 13-16E	SWSW	16	100S	190E	ML-13214	7050	State	GW	S
4304732292	RBU 15-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	PA
4304732314	RBU 10-2F	NWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304732352	RBU 3-16F	NENW	16	100S	200E	ML-3393-A	7050	State	GW	P
4304733360	RBU 1-16F	NENE	16	100S	200E	ML-3393	7050	State	GW	P
4304734061	RBU 6-16E	SWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304734167	RBU 1-2F	NENE	02	100S	200E	ML-10716		State	GW	LA
4304734315	STATE 11-2D	NESW	02	100S	180E	ML-26968		State	GW	LA
4304734903	RBU 14-16E	SWSW	16	100S	190E	ML-13214	7050	State	D	PA
4304735020	RBU 8-16E	SENE	16	100S	190E	ML-13214	7050	State	GW	P
4304735021	RBU 10-16E	SWSE	16	100S	190E	ML-13214	7050	State	GW	P
4304735022	RBU 12-16E	NESW	16	100S	190E	ML-13214	7050	State	GW	P
4304735023	RBU 16-16E	SWSW	15	100S	190E	ML-13214	7050	State	GW	P
4304735033	RBU 2-16E	NWNE	16	100S	190E	ML-13214	7050	State	GW	P
4304735081	RBU 15-2F	SWSE	02	100S	200E	ML-10716	7050	State	GW	P
4304735348	RBU 13-16F	NWNW	21	100S	200E	ML-3394	7050	State	GW	DRL
4304736169	RBU 4-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P
4304736170	RBU 3-16E	NENW	16	100S	190E	ML-13214	7050	State	GW	P



#### United States Department of the Interior

#### **BUREAU OF LAND MANAGEMENT**

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



6664

IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

River Bend Unit Uintah County, Utah

#### Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

**Enclosure** 

AUG 1 6 2007

DIV. OF OIL, GAS & MINING

#### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING 5. LEASE DESIGNATION AND SERIAL NUMBER: U-013793 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS 7 LINIT OF CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. **RIVERBEND UNIT** 8. WELL NAME and NUMBER: 1. TYPE OF WELL OIL WELL GAS WELL 🗸 OTHER RBU 29-18F 2. NAME OF OPERATOR: 9. API NUMBER: 4304738558 XTO ENERGY INC. 3. ADDRESS OF OPERATOR: PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: CITY AZTEC NAT BUTTES / WSTCH-MVRD STATE NM 719 87410 382 CR 3100 (505) 333-3100 4. LOCATION OF WELL FOOTAGES AT SURFACE: 884' FSL & 1996' FWL COUNTY: UINTAH 108 20E QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 18 STATE: UTAH CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) NEW CONSTRUCTION TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR TUBING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE PLUG AND ABANDON VENT OR FLARE CHANGE TUBING SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: OTHER: PWOPL COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE 4/14/2008 RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 4/15/08 FTP 60 psig, SICP 250 psig. MIRU Production Logging Services SL. RU & RIH w/1.75" BB. Tgd fill @ 8,522'. POH & LD 1.75" BB. PU & RIH w/1.908" tbg broach no tight spots. POH & LD 1.906 tbg broach. Chase BHBS & plngr to SN. RWTP @ 12:00 p.m., 4-14-08. RDMO Production Logging Services SLU. NAME (PLEASE PRINT) DOLENA JOHNSON REGULATORY CLERK 6/5/2008 DATE

(This space for State use only)

RECEIVED
JUN 0 9 2008

			FORM 9
STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING			
			5.LEASE DESIGNATION AND SERIAL NUMBER: U-013793
SUNDRY NOTICES AND REPORTS ON WELLS			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.			7.UNIT or CA AGREEMENT NAME: RIVER BEND
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RBU 29-18F
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047385580000
<b>3. ADDRESS OF OPERATOR:</b> 382 Road 3100 , Aztec, NM, 87410  505 333-3159 Ext			9. FIELD and POOL or WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0884 FSL 1996 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 18 Township: 10.0S Range: 20.0E Meridian: S			COUNTY: UINTAH
			STATE: UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
	✓ ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion: 8/18/2010	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT Report Date:	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:
12 DESCRIBE PROPOSED OR CO	MPI FTFD OPFRATIONS Clearly show all pertin	nent details including dates, denths, v	volumes etc
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  XTO Energy Inc. has completed an acid treatment on this well per the			
attached summary report.  Accepted by the			
, ,			Jtah Division of
		Oil	l, Gas and Mining
		FOR	R RECORD, ONLY
			August 25, 2010
NAME (PLEASE PRINT) PHONE NUMBER Barbara Nicol 505 333-3642		TITLE Regulatory Compliance Tech	
SIGNATURE N/A		<b>DATE</b> 8/25/2010	

#### **Riverbend Unit 29-18F**

**8/12/2010:** MIRU Production Logging Services SLU. Bd tbg. SN @ 8,480'. RU & RIH w/fishing tls. Latch BHBS & POH. LD BHBS & fishing tls. PU & RIH w/1.625" BB. Tgd fill @ 8,523' FS. POH & LD 1.625" BB. PU & RIH w/1.908" tbg broach to SN. No tight spots. POH & LD 1.908" tbg broach. SWI, RDMO Production Logging Services SLU. Suspend test data pending acid job.

**8/16/2010:** MIRU FracTech Services. NU to tbg, PT line to 3,000 psig. Gd tst. Pmp 250 gal 15% HCL acid w/additives. Pmp 33 bbls 2% KCL w/additives. ND from tbg, NU to csg. PT line to 3,000 psig, gd tst. Pmp 250 gal 15% HCL w/additives, pmp 3 bbls 2% KCL spacer. Wait 30 min. Pmp 250 gal 15% HCL acid w/additives. Pmp 35 bbls 2% KCL w/additives. ND from csg. SWI, RDMO FracTech Services. Suspend test data pending swab.

**8/17/2010:** MIRU D&S Swabbing SWU. SN @ 8,480'. BD tbg. RU & RIH w/swb tls. Parted sand line & lost swb tls. in hole. SWI. RDMO D&S Swabbing SWU.

**8/18/2010:** MIRU C&S Swabbing SWU. SN & 8,480'. BD tbg. RU & RIH w/ swb tls. 2 swb runs no fluid. SWI. RDMO C&S Swabbing SWU.